

MUHAMMAD ASAD

WEB DEVELOPMENT TEAM LEAD

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Karachi, Pakistan

Experienced PHP Developer with 13+ years of expertise in Laravel, CodeIgniter, Yii, Python, Django, and front-end technologies. Proficient in building robust web applications, API integrations, and eCommerce platforms using OpenCart and Magento. Strong leader with project management skills, adept at guiding teams, collaborating with clients, and delivering scalable, high-quality solutions on time. Expertise includes AWS EC2, Linux, RESTful APIs, SOAP, SAML, and various payment and shipping integrations.

Professional Experience

Starhub Virtual LLC.

Remote Team Leader

Miami, FL

Apr 2023 - Present

- Leading the development of Starhub Client Portal and Starhub CRM, utilizing WordPress, Laravel, PHP, MySQL, JavaScript, and RESTful APIs.
- Implementing key features such as plan checkout, seamless onboarding, and integrations with HubspotCRM, Spheremail, Maxio, Stripe, EasyPost, and Twilio.
- Managing role-based access control to ensure secure and efficient user management for Admins, Managers, Mail Operators, and Call Operators.
- Enhancing client interactions through user-friendly dashboards and receiving positive feedback for intuitive interfaces and streamlined processes.
- Recognized for technical expertise, effective project management, and contributions to improving client satisfaction and operational efficiency.

Devaj Technology

Technical Lead

Karachi, Pakistan

Sep 2013 - Mar 2023

- Led the development of diverse systems, including Transport Management, Travel Agent Management, Beauty Salon Management, ERP, CRM, and various Management Information Systems.
- Key contributor to innovative products such as Power Meters, Queue Management Systems, Biometric Verification Systems, and Point of Sales (POS) systems.
- Developed customer-centric tools including Customer Feedback Units and Salesforce Management Systems.
- Assisted in creating specialized platforms like Wellvana for Medical & Wellness Analysis and Clear Pharma for Near-to-Expiry Marketplace.
- Collaborated on industry-specific solutions including Restaurant Management Systems, Photo Studio CRMs, and Enterprise Training Systems.
- Contributed to user-friendly interfaces for Learning Management and Online Ordering Systems.
- Played an integral role in enhancing efficiency, customer satisfaction, and business operations across various sectors.

Symbiosis Technologies (Now: SYMITS)

Senior PHP Developer

Karachi, Pakistan

Jul 2012 - Sep 2013

- Contributed to the development and implementation of Hotel Management, Real Estate, and Inventory Management Systems.
- Ensured high-quality craftsmanship and timely delivery of Trophy & Plaques for prestigious events such as the Gold Medallion Awards.
- Assisted in implementing efficient systems like Complaint Management and Order Life Cycle Management, enhancing customer satisfaction and operational efficiency.
- Completed coding tasks for small projects, including CRO Tools development, e-commerce website revamping, and integration of Shipping Carrier and Payment Gateways.
- Developed Centralized Catalog Management systems to improve the organization and distribution of product catalogs across multiple platforms.

Engro Polymer & Chemicals Ltd.

Junior Web Developer (Contract)

Karachi, Pakistan

Jul 2011 - Jun 2012

- Successfully developed and deployed internal applications including Individual Irregularity Report and D-Level Weekly Safety Report, enhancing monitoring and response to irregularities and safety concerns.
- Played a key role in creating an Incident Reporting system, improving workplace safety through efficient incident documentation and analysis.
- Implemented the Scrap Sales Register, improving inventory management by tracking scrapped items and their sales accurately.
- Contributed to the development of the Inventory Valuation application, providing real-time insights into inventory values and optimizing financial decisions.
- Assisted in creating the Fixed Cost Reporting system, streamlining budgeting through improved tracking and analysis of fixed costs.
- Contributed to the development of the Fixed Assets application, enhancing asset management by facilitating tracking and maintenance of company assets.

Technical Skills

PHP	MySQL	MS SQL	Laravel	Codigniter	Yii & Yii2	Magento	Opencart
Python	Django	ReactJS	AngularJS	VueJS	AWS EC2	Linux	RESTful APIs
SOAP	SAML	CI & CD	Stripe	Paypal	Twilio	EasyPost	HubspotCRM

Personal Attributes

Collaborative and adaptable, I excel in team and project management. Detail-oriented and logical, I ensure accuracy and efficiency. Reliable and confident, I build strong relationships and tackle challenges with a balanced approach. Innovative and strategic, I seek continuous improvement while upholding integrity and ethical standards. Motivated and proactive, I drive results and influence positive outcomes. I am committed to excellence and continuous personal and professional growth.

Academic Education

Bachelor of Science (B.S.) - Computer Science (Incomplete) University of Karachi	Karachi, Pakistan 2009 - 2012
High School Certificate - Pre Engineering Board of Intermediate Education Karachi	Karachi, Pakistan 2005 - 2007
Secondary School Certificate - Computer Science Board of Secondary Education Karachi	Karachi, Pakistan 2003 - 2005

Projects

Starhub CRM (In Progress) Starhub Virtual LLC.

- Platform: In-progress development using Laravel, PHP, MySQL, JavaScript, jQuery, HTML/CSS, REST/RESTful APIs.
- Features:
 - Role-Based Access: Secure access for various user roles.
 - Management: Employee, location, client, and company management.
 - Integrations: Hubspot, Maxio, Stripe, Spheremail (Virtual Mailbox), Easypost, Twilio.
 - Billing & Invoicing: Plans, products, subscriptions, service credits, and payment methods.
- Status: Ongoing project with continuous enhancements and feature additions.
- Goal: To provide a versatile CRM system that enhances client management, integrates with key services, and offers comprehensive billing and invoicing capabilities.

Starhub Client Portal Starhub Virtual LLC.

- Platform: Developed with WordPress, PHP, MySQL, JavaScript, jQuery, HTML/CSS, and REST/RESTful APIs.
- Plan Checkout: Streamlined process for clients to subscribe to chosen plans.
- Onboarding: Easy setup for account details including password, mailing address, and live answering preferences.
- HubspotCRM Integration: Manages client properties, support tickets, and related activities.
- Spheremail Integration: Manages virtual mails, tracks statuses, and handles mail forwarding.
- Maxio Integration: Manages plans, subscriptions, billings, and invoices for smooth financial transactions.
- Client Dashboard: Centralized platform to manage virtual mails, configure live answering settings, track support tickets, view invoices, and more.

Travel Agent Management System

Devaj Technology

- Technology: Yii Framework, PHP, Microsoft SQL Server, JavaScript, jQuery, HTML/CSS.
- Key Features:
 - Operations Management: Handles company registration, bookings for hotels, flights, visas, car rentals, and amusement parks.
 - Flexible Configuration: Admin panel allows configuration of hotels, rooms, pricing, and operational parameters.
 - Finance Module: Records transactions, generates ledgers, bank reconciliations, account statements, balance sheets, and various financial vouchers.
- Purpose: Streamlines travel agency operations, enhancing booking management, financial transactions, and system configuration to improve productivity and customer service.

Power Meter System

Devaj Technology

- Technology: Yii Framework, PHP, MySQL, JavaScript, jQuery, HTML/CSS, REST/RESTful APIs.
- Key Features:
 - Data Acquisition: Retrieves real-time data (current, voltage, power factor) from power meters for analysis.
 - Company & Device Management: Manages multiple companies, devices, and associated feeds.
 - Reporting & Visualization: Provides graphical and tabular reports with customizable filters to analyze energy usage patterns.
 - Remote Control: Allows users to remotely control devices to manage energy consumption.
- Purpose: Optimizes energy usage, reduces costs, and enhances sustainability through data-driven insights and remote management.

Queue Management System

Devaj Technology

- Technology: Yii Framework, PHP, MySQL, JavaScript, jQuery, HTML/CSS, REST/RESTful APIs, C# (local client), Android.
- Key Components:
 - Central Control System: Manages queue processes, including branch setup, token layouts, and time benchmarks.
 - Configuration Transfer Services: Transfers settings to branch servers for integration and updates.
 - Reporting & Monitoring: Gathers statistics and activities for online reporting and live monitoring.
 - Local Client: Provides local access and real-time monitoring within branches.
- Purpose: Optimizes queue management, enhances efficiency, and improves customer service with centralized control and real-time monitoring.

Customer Feedback Unit

Devaj Technology

- Technology: Yii Framework, PHP, MySQL, JavaScript, jQuery, HTML/CSS, REST/RESTful APIs, Android.
- Key Features:
 - Android Integration: Customer-facing app for feedback submission, interfacing with a PHP API service.
 - Theming & Questionnaire Design: Customizable web portal for designing feedback forms and theming.
 - Feedback Submission: Seamless data transmission from Android app to web portal.
 - Reporting & Analysis: Generates detailed reports and insights from collected feedback.
- Purpose: Streamlines feedback collection and reporting, enhancing customer engagement and enabling data-driven improvements.

Beauty Salon Management System

Devaj Technology

- Technology: Yii Framework, PHP, MySQL, JavaScript, jQuery, HTML/CSS.
- Key Features:
 - Customer, Supplier, & Employee Management: Centralizes data for efficient management.
 - Sales & Purchase Management: Streamlines inventory and transaction management.
 - Appointment Scheduling: Manages both scheduled and walk-in appointments.
 - Inventory Management: Tracks stock levels, facilitates restocking, and manages movements.
 - Job Recipe & Product Consumption Reporting: Provides insights into product usage and decision-making.
 - Customer & Supplier Ledgers: Records and analyzes financial transactions.
 - Receipt & Payment Module: Ensures accurate processing of transactions.
- Purpose: Enhances salon operations, customer service, and financial management for beauty salons.

Web Point of Sale

Devaj Technology

- Technology: Yii Framework, PHP, MySQL, JavaScript, jQuery, HTML/CSS, REST/RESTful APIs.
- Key Features:
 - Point of Sale: Tailored management of sales transactions.
 - Customers & Suppliers Management: Centralized data management for transactions.
 - Stock & Inventory Management: Optimized tracking and control of inventory levels.
 - Catalog Management: Customizable product catalogs.
 - Finance & Accounts: Comprehensive management of financial transactions and accounts.
 - Ledger Management: Transparent tracking of customer and supplier ledgers.
 - Advance Payments & Balance Management: Efficient handling of payments and balances.
 - Temporary Receipt Management: Management of temporary receipts.
 - Tax Invoice Integration: Compliance with tax authorities (Pakistan FBR, Saudi Arabia ZATCA).
 - SMS Integration: Notifications for order updates and promotions.
 - Shopify Integration: Seamless integration with e-commerce operations.
 - Shipping Carriers Integration: Efficient order fulfillment and delivery management.
 - Delivery Management System: Comprehensive tracking of deliveries.
- Outcome: Enhanced operational efficiency, improved customer satisfaction, and streamlined business processes for over 200 clients across various industries, with ongoing customization to meet evolving needs.

Sales Force Management System

Devaj Technology

- Technology: CodeIgniter, PHP, MySQL, JavaScript, jQuery, HTML/CSS, REST/RESTful APIs.
- Key Features:
 - Catalog, Distributor, and Salesman Management: Centralized management for efficient operations.
 - LIVE Tracking of Salesman: Real-time location and activity monitoring.
 - Shop Picture and Location Mapping: Visual representation and navigation of shop locations.
 - Order and Inventory Management: Streamlined order processing and inventory tracking.
 - Salesman Route Reporting: Automated route reporting for optimization.
 - On-field Activity Reporting: Reporting of sales personnel's on-field activities.
 - Reports and Analysis: Comprehensive reporting and performance analysis.
- Outcome: Enhanced sales productivity and customer satisfaction through real-time tracking, efficient order and inventory management, and detailed reporting capabilities. The system improves sales performance, supports strategic planning, and facilitates better decision-making.

Biometric Verification System

Devaj Technology

- Technology: CodeIgniter, PHP, MySQL, JavaScript, jQuery, HTML/CSS, REST/RESTful APIs, SOAP.
- Key Features:
 - Biometric Scanning: Scanning via desktop and Android applications with data transmission to the web application.
 - Integration with NADRA: Seamless API integration for biometric verification with Pakistan's National Database and Registration Authority.
 - Verification Process: NADRA verifies biometric data, returning details if verified or generating an error.
 - Cost Management: Efficient management of verification API call costs.
 - Alternative Verification: Provides a questionnaire for individuals with unrecognizable fingerprints, such as the elderly or laborers.
- Outcome: Enhanced security and authentication for the banking sector through reliable biometric verification, efficient cost management, and alternative verification methods, ensuring inclusivity and effectiveness.

Wellvana - Medical & Wellness Analysis (Phase 1)

Devaj Technology

- Technology: Yii Framework, PHP, MySQL, JavaScript, jQuery, HTML/CSS, REST/RESTful APIs.
- Key Features:
 - Integration with Human API: Connects with various health-related devices, fitness bands, hospitals, EHR networks, and lab reports.
 - Data Fetching: Consolidates information on physical activities, sleep patterns, calorie burn, and more from multiple sources.
 - Analysis and Reporting: Provides insightful reports on wellness metrics to track health progress and guide lifestyle decisions.
- Purpose: To empower consumers in managing their health and wellness by integrating data from various sources and offering detailed analysis and reporting. This enables users to make informed lifestyle choices and improve their overall well-being.

Photo Studio CRM

Devaj Technology

- Technology: Codeigniter, PHP, MySQL, JavaScript, jQuery, HTML/CSS.
- Key Features:
 - Order Management: Streamlines the management of orders from start to finish.
 - Customer Management: Centralizes customer details, preferences, and order history.
 - Photograph History Management: Keeps detailed records of each customer's photo history.
 - Re-order from History: Enables customers to easily reorder photos from their history.
 - Request to Print Photos: Allows customers to request photo prints directly through the CRM.
 - File Maintenance: Manages both optimized and original photo files.
 - Data Management using NAS: Utilizes Network Attached Storage for secure data management.
 - Backup Management: Implements backup protocols to protect critical data.
- Outcome: Optimizes photo studio operations by enhancing order management, customer interactions, and data handling. Improves efficiency, service delivery, and customer satisfaction by streamlining workflows, facilitating easy reorders, and ensuring secure data management and backups.

Enterprise Training System

Devaj Technology

- Technology: Codeigniter, PHP, MySQL, JavaScript, jQuery, HTML/CSS.
- Key Features:
 - Integration of Interactive Videos: Seamlessly integrates event-based interactive videos from Adobe Captivate.
 - Events Recording: Records user events using JavaScript and REST/RESTful APIs for comprehensive statistics.
 - Video Progress Analysis: Tracks and analyzes user progress within training videos.
 - Video Management: Manages video playback and user interactions, including stop, play, pause, and progress.
 - SAML Integration: Supports Single-Sign-On (SSO) authentication with the enterprise's ERP system.
 - Reports & Analytics: Provides detailed reports and analytics on user interactions and training effectiveness.
- Outcome: The system enhances corporate training through interactive videos and detailed user analytics, leading to improved engagement and learning outcomes. Integration with SAML and comprehensive reporting streamline authentication and decision-making.

Clear Pharma - Near to Expiry Marketplace

Devaj Technology

- Technology: Laravel, PHP, MySQL, JavaScript, jQuery, HTML/CSS.
- Key Features:
 - Role-based Access: Different access levels for Admin and Hospital/Consumer, ensuring appropriate permissions.
 - Medicine Database Management: Admins manage categories and a comprehensive database of various medicines.
 - Listing Near-to-Expiry Medicines: Allows hospitals/consumers to list near-to-expiry medicines to manage inventory and prevent wastage.

- Ordering System: Enables hospitals/consumers to order medicines from other marketplace entities.
- Order Management: Tracks orders from placement to delivery, ensuring smooth transactions.
- Delivery Management: Manages logistics and tracking for accurate and timely delivery.
- Outcome: The marketplace optimizes the management of near-to-expiry medicines, reducing waste and improving access to essential medications. It enhances efficiency through robust order and delivery management, leading to cost savings and better medication accessibility for hospitals and consumers.

Restaurant Management System

Devaj Technology

- Technology: Codeigniter, PHP, MySQL, JavaScript, jQuery, HTML/CSS.
- Key Features:
 - Point of Sale: Efficient order processing and payment handling.
 - Customer Management: Centralized customer information for personalized service.
 - Stock & Inventory Management: Tracking of stock levels and inventory.
 - Food Menu Management: Customization of food menus.
 - Floor & Table Management: Allocation and management of tables and seating.
 - Shift & Register Management: Tracking shifts and cash register transactions.
 - Finance & Accounts: Comprehensive finance and accounting features.
 - Integration with ZATCA (KSA): Tax invoicing compliance in Saudi Arabia.
 - Delivery Partner Management: Coordination of delivery services.
 - Delivery Management System: Management of delivery orders and logistics.
 - Reports & Analytics: Generation of reports and performance analysis.
- Outcome: The system enhances restaurant operations by streamlining order processing, inventory management, and customer service. It ensures tax compliance, efficient delivery management, and provides actionable insights through comprehensive reporting. This results in improved operational efficiency, customer satisfaction, and profitability.

Customized ERPs & CRMs

Devaj Technology

- Technology: Yii Framework, PHP, MySQL, JavaScript, jQuery, HTML/CSS.
- Key Features:
 - Small Textiles: Inventory, production, and sales management.
 - Bakery Factories: Recipe management, production scheduling, and inventory tracking.
 - Ice Cream Factories: Ingredient management, recipes, production, and distribution.
 - Cosmetic Factories: Formulation management, batch tracking, quality control, and compliance.
 - Mineral Water Factories: Purification processes, packaging, distribution, and quality assurance.
 - Small Apparel Factories: Order management, production planning, inventory control, and quality management.
- Outcome: These customized ERPs enhance operational efficiency by streamlining processes specific to each industry, such as inventory management and production planning. Continuous adaptation ensures businesses can optimize their operations and achieve better resource utilization and profitability.

Learning Management System

Devaj Technology

- Technology: Moodle, PHP, MySQL, JavaScript, jQuery, HTML/CSS.
- Key Features:
 - Course Customization: Tailored courses for pharmaceutical professionals.
 - Organization Structure: Hierarchical setup including divisions, teams, and managers.
 - Designation Management: Management of various roles within the organization.
 - Assessments & Evaluation: Implementation of assessments to evaluate knowledge and performance.
 - Event Management Customization: Customization for pharmaceutical training programs.
 - Event Quizzes Customization: Tailored quizzes to reinforce learning objectives.
 - Roles & Access Customization: Role-based access controls for appropriate permissions.
 - Custom Reporting: Custom reports to analyze performance and training effectiveness.
- Outcome: This LMS provides a targeted and flexible training solution for pharmaceutical professionals, enhancing learning and development through customized courses, assessments, and reporting. It supports efficient management and evaluation, ultimately improving knowledge retention and sales performance.

Online Ordering System for Restaurants

Devaj Technology

- Technology: Laravel, PHP, MySQL, JavaScript, jQuery, HTML/CSS, REST/RESTful APIs.
- Key Features:
 - Restaurant Management: Tools for managing restaurant details such as hours, location, and contact info.
 - Menu Management: Create, update, and customize menus with dishes, categories, and prices.
 - Order Management: Handle orders efficiently with processing, status tracking, and notifications.
 - Integration with POS: Seamless integration with the restaurant's POS system for accurate order processing.
 - Rider Tracking: Real-time tracking of delivery riders for timely and efficient deliveries.
- Outcome: This system enhances restaurant operations by providing seamless online ordering capabilities, efficient order management, and real-time rider tracking. It improves customer satisfaction and operational efficiency through integrated POS systems and comprehensive menu management.

ReadiVet - Mobile Vet Services - In-Home Veterinary Care

Devaj Technology

- Technology: Laravel, PHP, MySQL, JavaScript, jQuery, HTML/CSS, AngularJS, REST/RESTful APIs.
- Key Features:
 - Roles-Based Access: Secure and efficient access levels for clients, admins, and veterinarians.
 - Book Appointment System: User-friendly interface for clients to schedule appointments.
 - Booking Management: Admins and veterinarians manage and organize appointments effectively.
 - Appointment Schedules: Flexible scheduling options for day blocks and appointments.
 - Holiday Management: Manage seasonal closures and special occasions.
 - Survey Management: Create and manage surveys to collect client feedback.
 - Appointment Reminders: Automated reminders to reduce no-shows and improve adherence.

- Payment Processing: Secure transactions through BrainTree.
 - Backup Management: Protect critical data with robust backup systems.
- Outcome: ReadiVet enhances the delivery of in-home veterinary care by providing a streamlined booking system, efficient appointment management, and secure payment processing. It improves client satisfaction and operational efficiency while ensuring data integrity and security through comprehensive backup management.

Transport Management System

Devaj Technology

- Technology: Yii, PHP, MySQL, Python, JavaScript, jQuery, HTML/CSS, REST/RESTful APIs, Google Maps
- Key Features:
 - Seamless API Integration: Connects with Motorola Devices and Land Air Sea APIs for smooth data exchange.
 - Device Import: Easily import devices from Motorola and Land Air Sea APIs.
 - Live Tracking: Real-time updates on location, device power, battery, and direction using APIs and a Python-built Socket Listener.
 - Map Visualization: Displays live tracking and travel routes on a map within the web portal.
 - Route Management: Manage and set up transport routes and fencing for enhanced security.
 - Notifications: Alerts when devices exit designated fencing areas.
 - Reports and Analytics: Generates detailed reports and analytics for performance evaluation.
- Outcome: The Transport Management System enhances fleet management by providing real-time tracking, route management, and security features. Its integration capabilities and detailed analytics optimize operational efficiency and decision-making, resulting in improved productivity and customer satisfaction.

Hotel Management System

Symbiosis Technologies

- Technology: Codeigniter, PHP, MySQL, jQuery, JavaScript, HTML/CSS.
- Key Features:
 - Centralized Reservation System: Manages online reservations for five hotels through subdomains on a single website.
 - User Roles: Super Admin, Admin Users, and Hotel Users with varying access levels.
 - Guest Reporting: Admin Panel provides detailed guest reports and reservation costs.
 - Email Automation: Sends reservation confirmations, reminders, and thank-you emails with feedback forms.
 - Feedback System: Collects and reports guest feedback post-stay.
 - Reservation Management: Lists reservations with search filters and manages room rates via a calendar.
 - Additional Features: Manages packages, amenities, discounts, promotions, hotels, rooms, and amenities.
- Outcome: The Hotel Management System streamlines reservation and management processes across five hotels, enhances guest experience with automated communications and feedback, and provides efficient oversight and reporting. This results in improved operational efficiency and guest satisfaction.

Real Estate System

Symbiosis Technologies

- Technology: WordPress, PHP, MySQL, JavaScript, jQuery, HTML/CSS, REST/RESTful APIs.
- Key Features:
 - RETS Integration: Fetches comprehensive property listings from the RETS server.
 - Advanced Search: Allows users to filter properties and view results in thumbnail, list, or map formats.
 - Admin Management: Enables property management, including enabling/disabling listings and managing featured properties.
 - User-friendly Interface: Offers intuitive navigation for an enhanced property search experience.
- Outcome: The Real Estate System optimizes property search and management for the San Clemente Coast region by integrating RETS data and providing advanced search capabilities. It enhances user experience with a seamless interface and efficient property management, improving overall real estate exploration and management.

Trophy & Plaques (Gold Medallion Awa

Symbiosis Technologies

- Technology: OpenCart, PHP, MySQL, JavaScript, jQuery, HTML/CSS, REST/RESTful APIs.
- Key Features:
 - Migration from osCommerce: Smooth transition to OpenCart while retaining all features and data.
 - Payment Method Extension: Secure manual credit card payment option.
 - Inscription Functionality: Custom inscriptions for personalized orders.
 - Advanced Shopping Experience: Enhanced Add to Cart and Checkout functionalities.
 - Intelligent Shipment Charges: Accurate shipping costs calculated using DHL API based on various factors.
- Outcome: The Trophy & Plaques website provides an enhanced e-commerce experience with seamless migration to OpenCart, personalized order inscriptions, and efficient shipment charge calculations using DHL API. This results in a user-friendly interface and a streamlined shopping process, improving overall customer satisfaction.

Complaint Management System

Symbiosis Technologies

- Technology: OpenCart, PHP, MySQL, JavaScript, jQuery, HTML/CSS.
- Key Features:
 - Customer Ticket Creation: Allows customers to create complaint tickets directly through the website.
 - Departmental Routing: Automatically routes tickets to relevant departments for resolution.
 - Ticket Updates: Enables departments to update ticket statuses and resolutions; customers can track progress through a dedicated portal.
 - User-Friendly Interface: Simplifies the complaint resolution process for both customers and department staff.
- Outcome: The Complaint Management System streamlines the handling of customer complaints, improves communication between customers and departments, and enhances overall customer satisfaction.

Inventory Management System

Symbiosis Technologies

- Technology: OpenCart, PHP, MySQL, JavaScript, jQuery, HTML/CSS.
- Key Features:
 - Custom Development: Tailored to replace an inefficient system, integrating with the company's database for real-time inventory tracking.
 - Comprehensive Transaction Tracking: Monitors all product transactions (issuance, receipt, movements) to reduce stock discrepancies.
 - Integration with Complaint Management: Connects with the complaint management system to track products received for complaints, streamlining resolution.
- Outcome: The Inventory Management System enhances operational efficiency, reduces stock discrepancies, and provides real-time insights into inventory movements, improving overall business performance.

Order Life Cycle Management

Symbiosis Technologies

- Technology: OpenCart, PHP, MySQL, JavaScript, jQuery, HTML/CSS.
- Key Functionalities:
 - Order Processing Workflow: Orders are routed through departments (confirmation, inventory, QA, dispatch, courier) based on inventory or supply chain status.
 - Departmental Handovers: Each department manages specific tasks and status updates, ensuring systematic progress through the order life cycle.
 - Status Updates: Real-time tracking and monitoring of order status across departments.
 - Integration with Complaint Center: Seamless handling of returns by generating tickets for inquiries and ensuring prompt resolution.
- Outcome: The Order Life Cycle Management system enhances order processing efficiency, provides transparency at each stage, and integrates with the complaint center for effective resolution, leading to streamlined operations and improved customer satisfaction.

Other Small Tasks at Symbiosis Technologies

Symbiosis Technologies

- Technology: OpenCart, PHP, MySQL, HTML/CSS, JavaScript, jQuery, REST/RESTful APIs.
- Key Features:
 - CRO Tools:
 - Integration with Call Center: Logs calls and generates real-time reports for tracking orders, complaints, and requests.
 - Enhanced Communication: Improves customer support efficiency and streamlines interactions.
 - Dual Database:
 - Scalability: Utilizes two synchronized databases for back-end and front-end operations.
 - Efficient Operation: Eliminates the need for external web services or cron jobs, ensuring seamless integration and performance.
 - Ecommerce Website Revamp:
 - Custom Module Development: Includes enhanced filtration, multi-level menu navigation, dynamic category pages, and an advanced checkout system.
 - Mobile Compatibility: Optimizes user experience across devices.

- Shipping Carrier & Payment Gateways Integrations:
 - Carrier Integration: Seamlessly integrates Leopard and BlueEx for shipping.
 - Payment Gateways: Integrates HBL and Easypay for secure, convenient payment processing.
- Centralized Catalog Management:
 - Consistency Across Platforms: Manages product updates for three websites, ensuring uniformity and streamlined operations.
- Outcome: These tasks enhance operational efficiency, streamline customer support, and optimize user experience across ecommerce platforms. The integration of CRO tools improves communication, while the dual database system ensures scalable and efficient operations. The ecommerce revamp and integration of shipping carriers and payment gateways enhance functionality and user engagement. Centralized catalog management ensures consistency and efficiency in product updates.

Individual Irregularity Report

Engro Polymer & Chemicals Ltd.

- Technology: PHP, MySQL, JavaScript, jQuery, HTML/CSS.
- Purpose: Manage policy irregularities for Engro employees on the Intranet Server.
- User Types:
 - User: View reports, submit irregularity forms.
 - Admin: Modify irregularity types, cancel submissions, generate detailed reports in Excel.
- Key Features:
 - Compliance facilitation
 - Operational streamlining
 - Data-driven decision-making
- Outcome: Efficient policy management, streamlined operations, and enhanced decision-making.

D-Level Weekly Safety Report

Engro Polymer & Chemicals Ltd.

- Technology: PHP, MySQL, JavaScript, jQuery, HTML/CSS.
- Purpose: Cater to Health, Safety & Environment Department needs on Engro's Intranet Server.
- Key Features:
 - Weekly Safety Talk Reports: Generate reports on specific topics within defined periods.
 - User Roles:
 - Admin: Comprehensive rights, including viewing forms and generating Excel reports.
 - User: Fill out, update (until submission), and view safety talk report forms.
 - Responsible: View suggestions from reports, fill out Responsible Form (status, justification, action).
- Outcome: Enhances safety reporting, compliance monitoring, proactive safety measures, and accountability.

Incident Reporting

Engro Polymer & Chemicals Ltd.

- Technology: PHP, MySQL, JavaScript, jQuery, HTML/CSS.
- Purpose: Facilitates incident reporting for Engro's Health, Safety & Environment Department.
- Key Features:
 - Incident Reporting Form: Allows adding incidents at plant or office locations.

- Update & Reporting: HSE personnel can update reports and generate Excel-format reports.
- Outcome: Streamlines incident management, enhances incident analysis, and supports effective safety measures company-wide.

Scrap Sales Register

Engro Polymer & Chemicals Ltd.

- Technology: PHP, MySQL, JavaScript, jQuery, HTML/CSS.
- Purpose: Manages scrap sales for Engro's Finance & Accounts (F&A) Department.
- Key Features:
 - User Roles:
 - Warehouse Users: Manage scraps and sell only to customers with credit; generate Gate Passes in PDF.
 - F&A Users: Handle customer credits, manage Account Ledger, and generate monthly invoices in PDF.
- Outcome: Optimizes scrap sales processes, ensures financial integrity, and enhances documentation and compliance with credit policies.

Inventory Valuation

Engro Polymer & Chemicals Ltd.

- Technology: PHP, MySQL, JavaScript, jQuery, HTML/CSS.
- Purpose: Facilitates inventory valuation for Engro's Finance & Accounts Department.
- Key Features:
 - Export Sheet Form: Allows creation and updating of inventory valuation sheets with unique period identifiers.
 - Inventory Valuation Reports: Upload and integrate data from Excel, Oracle DB, and export sheets to generate comprehensive valuation reports.
 - Report Generation: Produces "Product Cost of Production Sheet" and "Quantity Reconciliation Sheet" in HTML and PDF formats.
- Outcome: Streamlines inventory valuation processes, improving accuracy and efficiency in financial reporting.

Fixed Cost Reporting

Engro Polymer & Chemicals Ltd.

- Technology: PHP, MySQL, JavaScript, jQuery, HTML/CSS.
- Purpose: Replaces manual Excel-based processes for fixed cost reporting at Engro's Finance & Planning department.
- Key Features:
 - Reporting Convenience: Generates monthly, quarterly, and annual fixed cost reports, improving efficiency.
 - Oracle Integration: Retrieves budget data from Oracle DB and allows for user comments to ensure accuracy.
 - Departmental Collaboration: Enables input of comments from Manufacturing, Non-Manufacturing, and HR departments.
 - Enhanced Reporting: Produces detailed PDF reports with charts and graphs for better visualization and decision-making.
- Outcome: Automates reporting processes, integrates Oracle data, supports departmental collaboration,

and enhances financial management with detailed visual reports.

Fixed Assets

Engro Polymer & Chemicals Ltd.

- Technology: PHP, MySQL, JavaScript, jQuery, HTML/CSS.
 - Purpose: Streamlines investment management for Engro's Finance & Accounts department.
 - Key Functionalities:
 - Investment Planning: Allows administrators to input and manage pre-budgeted investment plans, with users submitting Appropriation Requests (AR).
 - Flexibility for Mid-Year Changes: Users can add post-budgeted plans, pending administrator approval.
 - Approval Workflow: ARs follow a structured approval process involving user submission, manager authorization, Accounts department verification, and final approval by the President or Secretary President.
 - Expense Tracking: Enables generation of LPRs from approved ARs for budget compliance and expense visibility, aiding quarterly Board of Directors meetings.
 - Outcome: Enhances transparency, accountability, and efficiency in managing investments and fixed assets, supporting informed decision-making and discussions at Board meetings.
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Side Projects

BnBAccessories

BnBAccessories

<https://www.bnbaccessories.com>

- Technology: Magento, PHP, MySQL, JavaScript, jQuery, HTML/CSS, REST/RESTful APIs
- Key Features:
 - Tailored Frontend Modules: Enhanced user experience and functionality with custom frontend modules.
 - Customized Admin Panel: Efficient management of products, orders, and customer data through a tailored admin interface.
 - Shipping Carrier Integration: Accurate shipping rates and tracking information through seamless carrier integration.
 - Secure Payment Gateways: Reliable and smooth transactions with integrated secure payment options.

Revamped BnBAccessories & Migrate to opencart

BnBAccessories

<https://www.bnbaccessories.com>

- Technology: OpenCart, PHP, MySQL, JavaScript, jQuery, HTML/CSS
- Key Enhancements and Features:
 - Tailored Frontend: Improved user interface and experience with a customized website design.
 - Customized Backend Modules: Efficient management of products, orders, and inventory through tailored backend features.
 - Custom Checkout Order Form: Streamlined ordering process with a specially designed checkout form.
 - Enhanced Order Management: Improved organization and tracking of orders with an upgraded

system.

- Customer History Management: Detailed customer history for personalized service and insights.
- Bulk Shipment Module: Efficient handling of large orders with a dedicated bulk shipment feature.
- Shipping Carrier Integration: Accurate shipping rates and tracking through integrated shipping carriers.
- Secure Payment Gateways: Seamless and secure transactions with integrated payment options.
- Referral and Rewards System: Management of customer loyalty programs to incentivize repeat business.
- Custom Reports and Analytics: Tools for in-depth analysis of sales performance and customer behavior.

Stylezee

BnBAccessories

<https://www.stylezee.com>

- Technology: OpenCart, PHP, MySQL, JavaScript, jQuery, HTML/CSS
- Key Features:
 - Custom Frontend Development: Unique and engaging user interface tailored to the brand's needs.
 - Customized Backend Modules: Streamlined internal processes and enhanced management efficiency.
 - Optimized Checkout Form: Custom checkout order form to improve the customer checkout experience.
 - Personalized Order Management: Efficient handling and tracking of orders with a tailored management system.
 - Customer History Management: Comprehensive management of customer history for personalized service.
 - Shipping Carrier Integration: Seamless integration for smooth shipping and delivery processes.
 - Secure Payment Gateways: Integration of secure and convenient payment options for transactions.
 - Referral and Rewards Systems: Management of loyalty programs to encourage customer engagement.
 - Custom Reports and Analytics: Tools for actionable insights and informed decision-making.