

MD. AL AMIN

SOFTWARE ENGINEER | LARAVEL & REACT DEVELOPER

Dhaka, Bangladesh | +880 1718695350 | mohammadalamin.dev@gmail.com
LinkedIn: linkedin.com/in/mdalamin1998 | GitHub: github.com/alaminwebdev | alaminwebdev.github.io

PROFESSIONAL SUMMARY

Software Engineer with 4+ years of professional experience developing and maintaining web-based and enterprise applications. Skilled in PHP, Laravel, JavaScript, TypeScript, React, Vue.js, MySQL, and SQL. Experienced in ERP, procurement, accounting, HRM, inventory, system integration, REST API development, and business workflow automation. Strong background in full-stack development, application enhancement, database optimization, external system integration, and production issue resolution.

TECHNICAL SKILLS

Backend: PHP, Laravel, REST API, Queue Processing

Frontend: JavaScript, TypeScript, React, Vue.js, AJAX, HTML, CSS, Tailwind CSS, Bootstrap

Database: MySQL, SQL, Database Design

Tools: Docker, Git, GitHub, Postman, Vite, Composer, npm, VS Code

AI-Assisted Development: AI Coding Agents, Claude CLI, Antigravity

Domain Expertise: ERP, Procurement, Accounting, HRM, Payroll, Inventory Management, System Integration, Workflow Automation, Reporting

WORK EXPERIENCE

Software Engineer | Ambala IT

Dhaka, Bangladesh | Jul 2024 – Present

- Develop and maintain enterprise and ERP applications covering Accounting, Human Resource Management (HRM), Payroll, procurement, reporting, and business workflows.
- Develop and customize application features based on client requirements and operational processes.
- Contribute to enterprise systems including YKK General Affairs and Legal Management, procurement, and attendance integration solutions.
- Deliver new features, bug fixes, performance improvements, and technical support to maintain application reliability.
- Collaborate across requirements analysis, development, testing, deployment, and post-deployment support.

Full-Stack Web Developer | Nano Information Technology (Nanosoft)

Dhaka, Bangladesh | Mar 2023 – Jun 2024

- Developed and maintained web applications using PHP and Laravel for business and enterprise requirements.
- Built responsive user interfaces using JavaScript, React, AJAX, HTML, CSS, and Bootstrap.
- Designed, optimized, and maintained MySQL databases to support data integrity and application performance.
- Developed new features, resolved application issues, and performed system maintenance and performance optimization.
- Used Git for version control, code management, and team collaboration.

Executive – Support Engineer | One Sky Communications Limited

Dhaka, Bangladesh | Sep 2022 – Feb 2023

- Provided technical support for network infrastructure and end-user connectivity issues.

- Assisted with network operations, troubleshooting, and equipment configuration.

PROJECTS

YKK Procurement System

React | TypeScript | Redux Toolkit | Vite | Tailwind CSS | Laravel | REST API

- Developed an enterprise Procurement Management System covering the complete Procure-to-Pay (P2P) workflow for Local and Foreign Purchase operations.
- Built core modules for Demand Notes, Quotations, Comparative Statements, Purchase Orders, Material Receive Records, and Payment Notes.
- Implemented supplier evaluation, multi-currency procurement and automated Purchase Order fulfillment status updates.

Attendance Device Management System

Laravel | MySQL | Queue Processing | Blade | Tailwind CSS

- Designed and developed a middleware server from scratch to integrate ZKTeco biometric attendance devices with ERP systems using the iClock/ADMS protocol.
- Implemented automatic device registration, multi-company routing, asynchronous attendance synchronization, and automatic retry mechanisms for reliable data delivery.
- Built manual single and bulk retry functionality and an operational dashboard for monitoring devices, attendance logs, synchronization activity, and queue status.

YKK GA & Legal System

React | TypeScript | Redux Toolkit | Vite | Tailwind CSS | Laravel | REST API

- Develop and maintain enterprise modules for vehicle, visa, air ticket, apartment, hotel, and office administration management.
- Build dashboards, reports, and workflow automation features to support General Affairs and Legal operations.

ERP Application (MicrofinPlus)

PHP | Laravel | MySQL

- Develop and enhance ERP modules covering Accounting, HRM, Payroll, reporting, and business operations.
- Customize application features based on business requirements and support ongoing system maintenance and improvement.

Special Branch (Bangladesh) Inventory Management System

PHP | Laravel | MySQL | JavaScript

- Developed inventory, requisition, stock distribution, reporting, and role-based dashboard functionality.
- Built requisition, current stock, and expired product reports to support inventory management and operational decision-making.

UNHCR IWMS (Inventory and Warehouse Management System)

PHP | Laravel | MySQL

- Developed inventory and warehouse reports including warehouse-wise goods, distribution point, beneficiary, and current stock reports.
- Supported feature development based on inventory and warehouse management requirements.

EDUCATION

Bachelor of Science (BSc) in Computer Science and Engineering

Daffodil Institute of IT (DIIT), Dhaka | 2017 – 2021 | CGPA: 3.18

Professional Web Design & Development

Creative IT Institute, Dhaka