

MD. ARIF HOSEN

SOFTWARE ENGINEER | PHP & LARAVEL | BACKEND & FULL-STACK | AI INTEGRATION

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PROFESSIONAL SUMMARY

Software Engineer with hands-on professional experience building and maintaining business-critical web applications with PHP and Laravel. Experienced across Laravel 8–13, ERP and enterprise business systems, RESTful APIs, third-party integrations, payment gateways, biometric attendance systems, and database-driven applications. Hands-on experience with VPS, Linux, cPanel/WHM, deployment and server management, plus networking and computer hardware support. Also experienced in AI-assisted application development, AI feature integration, local LLM/Llama experimentation, and using AI tools to accelerate software development.

CORE TECHNICAL SKILLS

Backend:	PHP, Laravel 8–13, OOP, MVC, RESTful APIs, Authentication, Business Logic, Background Jobs/Queues
Frontend:	JavaScript (ES6+), Vue.js, React, jQuery, Bootstrap 5, Tailwind CSS, Livewire
Database:	MySQL, SQLite, Relational Database Design, Query Optimization
Enterprise Systems:	ERP, HR, Payroll, Accounting, Inventory, Sales, Purchase, Accounts Receivable/Payable, POS, Rental Management
Integrations:	Payment Gateways, SMS APIs, Biometric Attendance Devices, Third-party APIs, Mobile App APIs
DevOps & Servers:	Linux (Ubuntu/RedHat), VPS, cPanel/WHM, Apache, Docker, GitHub Actions, CI/CD, Deployment
Infrastructure:	Basic Networking, Server Administration, Computer Hardware Troubleshooting & Support
AI & LLM:	AI-assisted Development, AI API Integration, AI-powered Application Features, Llama/LLM Local Model Experimentation
Tools & Practices:	Git/GitHub, Agile/Scrum, Team Leadership, Debugging, Problem Solving

PROFESSIONAL EXPERIENCE

Software Engineer — ZiroOne Technologies Ltd.	May 2026 – Present
- Design and integrate APIs for third-party services, payment gateways, SMS services and attendance/biometric devices - Contribute to application architecture, debugging, performance improvements and production issue resolution - Use AI development tools to improve coding productivity, debugging, documentation and implementation workflows	
Mid-Level Backend Developer — Softvance Agency Ltd	December 2025 – May 2026
- Develop and maintain Laravel-based business applications and backend services using PHP, MySQL and RESTful APIs - Work on enterprise modules including ERP workflows, accounting, HR, payroll, inventory, sales, purchase and receivables/payables	
Web Developer & Team Leader — QBit-Tech	November 2023 – November 2025
- Built and maintained Laravel-based web applications including HRM, payroll, accounting, rental, investment and management systems - Led development work and coordinated implementation of business requirements across web applications and APIs - Developed RESTful APIs and integrated payment gateways, biometric attendance systems and other external services - Worked with Linux servers, VPS/cPanel environments, deployment, application configuration and production troubleshooting - Worked with JavaScript, Vue/React and Bootstrap/Tailwind-based interfaces alongside Laravel backends	
Junior IT Engineer — Wicon Electronics World	September 2021 – March 2022
- Provided IT support involving computer hardware, software, troubleshooting and basic networking - Assisted with system setup, maintenance and technical issue resolution	

SELECTED PROJECTS & DOMAIN EXPERIENCE

- **ERP / Enterprise Business Management** — Inventory, HR, Payroll, Accounting, Sales, Purchase, Accounts Receivable/Payable and related business workflows
- **HR Management & Payroll** — Employee management, attendance, payroll processing, employee portal and REST API integration
- **US-based Rental Management Application** — Rental/property management application development using Laravel, database-driven workflows and API integrations
- **Investment Management Platform** — Laravel/React application with investor, farmer and admin workflows, REST APIs and payment gateway integration
- **eCommerce, Inventory & POS** — Laravel-based eCommerce and POS system with inventory management, Livewire, MySQL and REST APIs
- **Accounting Management System** — Financial/business management application built with Laravel, MySQL and modern web UI components
- **AI-powered Application Features** — Implemented AI-assisted functionality in applications and experimented with locally running Llama/LLM models for practical software use cases
- **Mobile Application Development** — Contributed to mobile application development with AI-assisted development workflows and backend API integration

INFRASTRUCTURE, DEVOPS & INTEGRATION

Hands-on experience managing VPS and cPanel/WHM environments, Linux servers, application deployment, domain/subdomain configuration, production troubleshooting and server-side application configuration. Experience integrating payment gateways, biometric attendance devices, REST APIs, SMS services and other third-party systems. Familiar with networking concepts and computer hardware troubleshooting.

AI & LLM EXPERIENCE

- Use AI coding assistants and generative AI tools for software development, debugging, refactoring and implementation
- Integrate AI capabilities into application workflows and business applications
- Experiment with locally hosted Llama/LLM models and model inference for practical application use cases
- Explore LLM-based automation and AI-assisted development patterns

EDUCATION

B.Sc. in Computer Science & Engineering — East West University, Dhaka

2022

CGPA: 3.07 / 4.00

Higher Secondary Certificate (Science) — Dania College, Dhaka

2016

GPA: 4.58 / 5.00

TRAINING

- Web Developer — SR Institution BD (2022)
- Server Administrator: Windows Server 2016 & RedHat — PeopleNTech Institution (2023)
- Web Designer — Creative IT Institution BD (2019)

THESIS

A High-Performing Deep Learning Algorithm to Diagnose COVID-19 from Chest X-Ray Images