

MD. RASEL HASAN

Software Engineering Manager
AI-Driven Full-Stack Architect

CONTACT

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CORE TECHNOLOGIES

PHP · Laravel · MySQL · Redis
Python · FastAPI
JavaScript · React.js · Next.js
Node.js · WebSocket
PostgreSQL · MongoDB
Git · GitHub · Bitbucket

AI & AUTOMATION

AI Agent Development
LLM Integration & Prompt Eng.
AI Workflow Automation
Voice-to-AI Pipelines
RAG / Vector Search
OpenAI · Anthropic · Gemini

ARCHITECTURE

Microservices Design
Event-Driven Architecture
RESTful API Design
System & Database Design
Kafka · RabbitMQ
Design Patterns · TDD

SERVER & DEVOPS

VPS Setup & Management
Nginx · Apache · Linux Admin
SSL · Firewall · SSH Hardening
Docker · Kubernetes · AWS
CI/CD · GitHub Actions
Multi-project Server Orchestration

LEADERSHIP

Engineering Management
Agile / Scrum
Team Mentoring
Project Delivery
Code Reviews & Standards

EDUCATION

BSc Computer Science &
Engineering
Daffodil International University
Dhaka | CGPA 3.47/4.0 | 2018

PROFESSIONAL SUMMARY

Software Engineering Manager and AI-driven Full-Stack Architect with 9+ years of experience building scalable web applications and AI-powered systems. Currently leading engineering teams at Pakiza Knit Group, delivering enterprise-grade Laravel, React, and AI solutions. Proven track record of architecting microservices, integrating LLM-based automation, and mentoring cross-functional teams. Passionate about leveraging cutting-edge AI to create real-world business value.

WORK EXPERIENCE

Pakiza Knit Group

Software Engineering Manager — Team Lead | Mar 2024 – Present | Dhaka, Bangladesh

- ▶ Lead full-stack engineering teams delivering scalable Laravel, React, and Node.js enterprise applications.
- ▶ Architected and deployed AI-driven modules including e-commerce chatbot, appointment booking AI, and multi-CV ranking engine.
- ▶ Defined engineering standards, code review processes, and clean architecture practices across all projects.
- ▶ Managed CI/CD pipelines, cloud infrastructure on AWS, and containerized deployments via Docker and Kubernetes.
- ▶ Mentored junior and mid-level engineers, driving team capability and delivery quality.
- ▶ Self-manage VPS infrastructure for 3–4 live production projects — handling full server setup, Nginx, SSL, firewalls, and ongoing maintenance.

Bijoy Tech IT Ltd

Senior Software Engineer — Team Lead | Mar 2023 – Feb 2024 | Dhaka, Bangladesh

- ▶ Led architecture design and technical leadership for complex Laravel-based enterprise solutions.
- ▶ Implemented cloud deployments, RESTful APIs, and database optimization strategies.
- ▶ Coordinated cross-functional teams ensuring on-time, high-quality project delivery.

IGonet LT

Software Engineer | Jul 2018 – Feb 2023 | Dublin, Ireland (Remote)

- ▶ Developed scalable web solutions using Laravel, Node.js, and React for international clients.
- ▶ Participated in system design, database modelling, and direct client technical presentations.
- ▶ Built event-driven and microservice architectures handling high-traffic workloads.

Zsoft Solutions

Software Engineer | Jan 2018 – Jun 2018 | Dhaka, Bangladesh

- ▶ Built and deployed PHP/Laravel-based websites and e-commerce features.

AI PROJECTS

ENOXAI — E-commerce Conversational AI

Full-featured AI chatbot for e-commerce: handles customer queries, product suggestions, add-to-cart, purchase, return, refund, and exchange flows — fully automated end-to-end.

Tech: Python, FastAPI, Laravel, Next.js, LLM APIs

ENOXBOOKINGAI — Intelligent Appointment Booking System

Diploma — Computer Science
Jhenaidah Polytechnic Institute
CGPA 3.57/4.0 | 2014

OSS PACKAGES

Laravel Bkash Payment Package
Composer package for bKash
payment integration

Laravel Image Resizer Package
Dynamic resizing, dimensioning &
format conversion

Voice-call AI that receives patient calls, suggests doctors and departments based on symptoms, and completes the full booking process autonomously without human intervention.

Tech: *Python, FastAPI, Voice AI, LLM, Laravel*

ENOXRESUMEANALYZER — Multi-CV Ranking & Screening Engine

Accepts bulk CV uploads against a job description, uses AI to analyse and rank candidates, and automatically sends personalised result emails to stakeholders.

Tech: *Python, FastAPI, LLM APIs, Laravel, SMTP*

KEY PROJECTS

Enorsia — E-commerce & Manufacturing ERP (enorsia.com)

Scalable garment production management and e-commerce platform with real-time inventory, order management, and ERP modules.

Tech: *PHP, Laravel, Redis, MySQL, React, Node.js, WebSocket*

EnoxSuite — CRM + ERP Platform (enoxsuite.com)

Integrated CRM and ERP system providing business operations management, client tracking, and reporting dashboards.

Tech: *Laravel, MySQL, React, REST APIs*

MyBouma — Matrimony Platform (mybouma.com)

Feature-rich matrimony and matchmaking web platform with advanced search, profiles, and secure messaging.

Tech: *Laravel, Next.js, MySQL*

SeeshellBD — Retail & E-commerce Suite (seeshellbd.com)

Full-featured e-commerce, point-of-sale, purchase module, and retail shop management system.

Tech: *Laravel, MySQL, JavaScript*

Joblisty — Job Search & CV Builder

Job portal with CV generator, corporate dashboards, and application tracking for both candidates and employers.

Tech: *Laravel, Redis, MySQL, JavaScript*

More projects: raselhasanswe.com