MD Imam Hossain *Software Engineer*

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Dhaka, Bangladesh

LinkedIn

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Summary

Software Engineer with 3+ years of experience building backend and full-stack applications across AI-powered customer service, workflow automation, e-commerce, workforce management, accounting, and education. Strong backend expertise using Python, PHP/Laravel, TypeScript, Node.js/NestJS, PostgreSQL, and MySQL, complemented by frontend experience with React and Next.js. Experienced in LLM and third-party API integrations, real-time voice and messaging workflows, Docker, and CI/CD, with a track record of independently owning backend delivery and collaborating with frontend, QA, clients, and engineering teams.

Professional Experience

12/2025 – Present
Remote

Software Engineer
Omnistra
• Develop backend services and product features for an AI-powered customer-support platform that automates voice calls, web chat, and social messaging, primarily for e-commerce businesses.
• Build and maintain Python services and PostgreSQL-backed workflows while contributing to Next.js features across the application.
• Collaborate with frontend engineers, QA, and clients throughout feature design, implementation, validation, and delivery.
• Participate in architecture discussions and code reviews to improve code quality, maintainability, and consistency across the platform.

03/2024 – 10/2025
Dhaka, Bangladesh

Software Engineer
Prospect Engine LLC
• Built core components for a real-time AI voice-calling platform, implementing campaign scheduling, call orchestration, and multistep automation workflows using Temporal.
• Integrated ElevenLabs, Deepgram, and LLM APIs to support natural voice interactions, while improving workflow reliability through caching, rate limiting, and error-recovery mechanisms.
• Developed backend modules for payroll, invoicing, recruitment, and workforce scheduling, integrating Xero, MyDigital, and LogicMelon to automate business workflows.
• Contributed to a multichannel communication platform integrating WhatsApp, Gmail, and Slack with AI-assisted capabilities.
• Independently developed the backend of an AI-powered task-management platform and served as the sole backend developer for a customized accounting system with financial workflows and AI-assisted reporting.

02/2023 – 02/2024
Dhaka, Bangladesh

Junior Software Engineer
Spondon IT
• Developed frontend and backend features for Infix LMS Kids, including short-answer, multiple-choice, true/false, and fill-in-the-blank assessment tools.
• Built AI-assisted content-generation and study-material repository features for Infix Edu, and integrated WhatsApp to improve communication workflows.
• Contributed to exam planning, parent registration, and educational-resource management modules across school-management products.
• Improved the AmazCart e-commerce backend through reusable traits and helpers, bug fixes, and stability improvements.
• Managed CodeCanyon release packaging and resolved client-reported issues through the company's support system.

05/2022 – 08/2022
Dhaka, Bangladesh

Software Engineering Intern
Ahosania
• Independently designed and developed a full-stack recruitment platform covering employer and job-seeker workflows.
• Implemented role-based authentication, job listings, candidate applications, application tracking, and advanced filtering.
• Added résumé upload and parsing capabilities to support candidate-profile management.

Skills

Programming Languages
- PHP, JavaScript, TypeScript, Python, SQL

Backend
- Laravel, Node.js, Express.js, NestJS, FastAPI

Frontend
- React, Next.js, Vue.js, React Native, Tailwind CSS, Bootstrap

Databases & ORM
- PostgreSQL, MySQL, MongoDB, Prisma ORM, Eloquent ORM

AI & Integrations
- LLM API Integration, OpenAI, Gemini, Ollama, Temporal, ElevenLabs, Deepgram, Third-Party API Integration

DevOps & Tools
- Git, GitHub, GitLab, Docker, GitHub Actions, CI/CD, Linux, Swagger/OpenAPI, Jest

Education

2018 – 2022
Dhaka, Bangladesh

Bachelor of Science in Computer Science and Engineering
International University of Business Agriculture and Technology
Concentration: Software Engineering
Thesis: Real-Time Driver Drowsiness Detection Using Neural Networks

Languages

Bengali
Native proficiency

English
Professional working proficiency