

MD. Fahim Hossen

I design and build production software across AI agents, backend systems, integrations, and modern web applications.

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CURRENT ROLE	COMPANY	FOCUS
Senior AI Engineer	QNE Software	Agentic and backend systems

TECHNICAL TOOLKIT

C# / .NET	Python	TypeScript	Node.js	React	Next.js	LangChain
Semantic Kernel	PostgreSQL	Redis	Azure	AWS	Docker	MCP

EXPERIENCE

Professional experience

Nov 2025 - Present	Senior AI Engineer QNE Software Contributing to QNE's agentic orchestration platform, QuinnyAI, which works as a Virtual CFO for accounting workflows. Building agent workflows, .NET backend services, MCP integrations, and WhatsApp and Telegram channels.
Jul 2024 - Oct 2025	Senior Software Engineer Flipbizz Worked on Flipbizz AI, the company's AI-powered matchmaking system, while contributing across backend platforms, product architecture, and full-stack delivery.
Nov 2021 - Jan 2023	Software Engineer Cleinsight Built REST APIs with Laravel, Node.js, and NestJS, alongside infrastructure work using AWS, Kubernetes, Docker, and serverless technologies.
Jul 2021 - Oct 2021	Junior Software Engineer SJ Innovation Contributed to client projects using Laravel, PHP, MySQL, WordPress, and MERN-based applications.

EDUCATION

Academic background

2023 - 2025	Master of Computer Science Universiti Putra Malaysia Course-based programme - CGPA 3.75 - Machine Learning - Research Methodology - Research topic: Detection of Disease
2018 - 2022	Bachelor of Computer Science American International University-Bangladesh CGPA 3.68 - Machine Learning - Operating Systems - Object-Oriented Analysis & Design - Data Structures - Algorithms - Database Systems - Software Engineering

Projects

01

Closiq

An AI lead-handling product for repeated customer questions across business channels.

LangChain - agent and tool workflow
Qdrant - grounded knowledge retrieval
MinIO - knowledge asset storage
Discord - customer-facing bot

[Website](#) | [Discord bot](#)

02

Clipinvoice

An invoice-management backend for creating, organizing, and tracking invoices through a structured API.

NestJS - modular API and services
TypeORM - entity mapping and migrations
PostgreSQL - transactional data storage
Swagger - API contract documentation

[GitHub](#)

03

Detection of Disease

A precision-agriculture project connecting plant-disease classification to AI-assisted mitigation advice.

MobileNetV2 - rice leaf classification
Custom CNN - jute disease classification
LLM advisory - mitigation guidance
MCP - detection-to-advice workflow

[Website](#) | [GitHub](#)

04

Azure Project Log

A full-stack workspace tracing Azure DevOps contributions from work items and pull requests through deployments.

Express - TypeScript modular-monolith backend
React - project and contribution workspace
LangGraph - typed tool-calling loop over live Azure data

[Website](#) | [GitHub](#)