

MD. FAHIM HOSSEN

Senior AI Engineer | Agentic Systems and Backend Engineering

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GitHub @er0r | GitHub @ErOr-0



PROFESSIONAL SUMMARY

Senior AI Engineer building production software across AI agents, backend platforms, integrations, and modern web applications. Experienced in designing agentic workflows, .NET services, MCP integrations, cloud infrastructure, and full-stack products, with hands-on delivery across accounting, matchmaking, developer tooling, and computer-vision use cases.

TECHNICAL SKILLS

Languages: C#, Go, Python, TypeScript, JavaScript, PHP

Backend and AI: .NET, Node.js, NestJS, Laravel, LangChain, LangGraph, Semantic Kernel, MCP, REST APIs

Frontend and Data: React, Next.js, PostgreSQL, Redis, Qdrant, MinIO, TypeORM

Cloud and Platform: Azure, AWS, Docker, Kubernetes, serverless technologies, Swagger

PROFESSIONAL EXPERIENCE

Senior AI Engineer | QNE Software Malaysia Sdn Bhd

Nov 2025 - Present

- Contribute to QuinnyAI, QNE's agentic orchestration platform and Virtual CFO for accounting workflows.
- Build agent workflows and production .NET backend services that support AI-assisted accounting experiences.
- Develop MCP integrations and customer-facing channel connections for WhatsApp and Telegram.

Lead Software Engineer - Solution Architect and Backend Developer | Flipbizz Innovations Malaysia Sdn Bhd

Mar 2024 - Sep 2025

- Architected software systems and database designs, led backend service and API development, and collaborated across product teams.
- Mentored junior engineers and conducted code reviews to maintain code quality.

Software Engineer | Cleinsight

Nov 2021 - Apr 2024

- Built REST APIs and backend services with Laravel, Node.js, and NestJS.
- Supported cloud and infrastructure work using AWS, Kubernetes, Docker, and serverless technologies.

Junior Software Engineer | SJ Innovation LLC

Jul 2021 - Oct 2021

- Delivered client project features using Laravel, PHP, MySQL, WordPress, and MERN technologies.

EDUCATION

Master of Computer Science | Universiti Putra Malaysia

Oct 2023 - Oct 2025

- CGPA 3.75. Coursework included Machine Learning and Research Methodology.
- Research topic: Detection of Disease, connecting image classification with AI-assisted advisory workflows.

Bachelor of Computer Science | American International University-Bangladesh

Feb 2018 - Apr 2022

- CGPA 3.68. Coursework included Machine Learning, Operating Systems, Object-Oriented Analysis and Design, Data Structures, Algorithms, Database Systems, and Software Engineering.

SELECTED PROJECTS

Multiharness Core | Go, Docker, Claude Code, Muse Code [Website](#)

Local, Docker-based multi-agent coding workflow that plans, implements, validates, reviews, and repairs tasks against a user-selected folder, with compact progress tracking and recovery copies.

Closiq | LangChain, Qdrant, MinIO, Discord [Website](#)

AI lead-handling product for recurring customer questions and business conversations, combining conversational orchestration with grounded retrieval and managed knowledge assets.

Azure Project Log | TypeScript, Express, React, LangGraph, Azure DevOps [Website](#)

Full-stack workspace that traces work items and pull requests through builds and deployment evidence. Its agentic tool loop queries live Azure data and returns grounded answers.

Detection of Disease | MobileNetV2, Custom CNN, LLM advisory, MCP [GitHub](#)

Precision-agriculture system that classifies rice and jute disease images and connects predictions to an AI-assisted risk-mitigation advisory workflow.

Clipinvoice | NestJS, TypeORM, PostgreSQL, Swagger [GitHub](#)

Invoice management backend for creating, organizing, and tracking invoices through a structured, documented API.