

Gazi Md Saiful Hoque

AI and Agentic Systems Developer

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Professional Summary

Software engineer with 6+ years shipping enterprise mobile and web products, now focused on applied AI. Completed 10+ client projects. Designs agentic workflows and integrates LLMs into products and developer pipelines. Recognized with BJIT's AI ROI Champion Award 2026 for measurable business value through AI.

Professional Experience

Senior Software Engineer | BJIT

Jul 2025 - Present

- **AI enablement:** Designed and rolled out agentic workflows and LLM-assisted development pipelines used across teams; earned the AI ROI Champion Award 2026.
- **Technical leadership:** Led a five-engineer team to successful project delivery, recognized with the Best Performance Award 2025.
- **Product integration:** Develop custom AI agents, reusable prompts and automation scripts, including Jira workflow automation and developer tools.
- **Architecture:** Contribute to VB6-to-Blazor (.NET) migration and enterprise modernization; participate in architecture discussions, code reviews and mentoring.

Software Engineer | BJIT

Nov 2021 - Jul 2025

- **Android modernization:** Shipped Java and Kotlin applications and migrated legacy XML interfaces to Jetpack Compose; integrated REST APIs and third-party SDKs.
- **Cross-functional delivery:** Contributed to AI, AR/VR, iOS and ASP.NET / Spring Boot projects for international clients in Agile teams; earned Best Performance Award 2024.

Junior Software Engineer | Bengal Mobile QA Solution

Jun 2019 - Nov 2020

- **Mobile development:** Developed and maintained Android applications for phones, tablets and smart helmets using Java, Kotlin and Android Studio; diagnosed and fixed bugs.

Intern | REVE Systems · Jan - Feb 2018 · Dhaka, Bangladesh

Contributed to the Bangla Text-to-Speech (TTS) project.

Projects

Income Tax Filing Assistant | Bangladesh Income Tax Filing Assistant | Sole Developer

- **Explainable filing:** Built a guided interview that produces a draft one-page NBR return and a PDF explaining each calculation, using sourced tax facts and a machine-readable form specification.
- **Agent access:** Exposed the Python tax engine through an MCP server with OpenAI integration, sharing the same engine with the application backend.
- **Full-stack delivery:** Built FastAPI with async SQLAlchemy, Alembic and PostgreSQL; React / TypeScript with Vite and Vitest; Docker deployment and GitHub Actions CI/CD.

Agentic Server Maintenance Platform

Lead Developer

- **Lead development:** Led development of an agent-based maintenance platform designed to monitor servers, applications and databases through client-side agents and centralized orchestration.
- **Incident workflows:** Development scope covered health dashboards, conversational incident handling and Jira ticket workflows from issue detection through remediation and verification.
- **Controlled remediation:** Led development around approval-gated operational actions, engineer review of code changes, dry-run and rollback workflows, and auditable incident tracking.

AI Code Review Automation

AI Engineering | 2026 - Present

- **Engineering tools:** Develop AI-assisted source code review tooling with OpenAI and Python to support engineering teams during code review.
- **Agent workflow integration:** Combine LangGraph and LangChain with Model Context Protocol (MCP) integration in the AI code review workflow.

Autonomous Legacy Code Migration

AI Migration System Developer | Pharmaceutical Software | 2025 - 2026

- **Autonomous migration:** Built an autonomous migration system that automatically converted legacy VB6 code to Blazor and C#, following the client's coding conventions. Applied the system to a pharmaceutical software migration using ASP.NET Core and MSSQL.

Field Operations and Metering

Team Lead | Android Engineering

- **Leadership and planning:** Analyzed requirements and work breakdown, reviewed code, contributed to development and coordinated across teams.
- **Architecture and implementation:** Built a Jetpack Compose application using MVVM, Hilt, Retrofit, Room, Navigation Component, Firebase and mapping APIs.

Technical Skills

AI and agents: Large Language Models (LLMs), agentic workflows, Retrieval-Augmented Generation (RAG), Model Context Protocol (MCP), OpenAI integration, LangChain, LangGraph, prompt engineering and evals

Backend and data: Python, FastAPI, PostgreSQL, SQLAlchemy, C#, ASP.NET Core, Blazor, MSSQL, REST APIs

Product engineering: React, TypeScript, Kotlin, Java, Jetpack Compose, MVVM, Coroutines

Delivery: Docker, GitHub Actions, CI/CD, Vitest, Git, Agile / Scrum, Jira

Education

MSc in Information Technology | University of Dhaka, IIT | 2020 - Jan 2022

BSc in Computer Engineering | Bangladesh Army International University of Science and Technology | 2015 - 2019

Awards and Recognition

AI ROI Champion Award 2026 | BJIT

Best Performance Award 2025 | BJIT

Best Performance Award 2024 | BJIT

Certifications

[Supervised Machine Learning: Regression and Classification](#) | Coursera | Oct 2023

[Linear Regression with NumPy and Python](#) | Coursera | Sep 2023