

FAYSAL ISLAM FAHAD

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[in LinkedIn](#) [GitHub](#) [Portfolio](#)

Education

Bangladesh University of Business & Technology

B.Sc. in Computer Science and Engineering

CGPA: 3.75/4

Summary

Full-Stack AI Engineer with experience building machine learning-powered applications and scalable web systems. Skilled in developing end-to-end solutions across AI/ML, backend engineering, and modern frontend development, with a focus on practical products that solve real-world business problems.

Experience

Rangpur IT

Sept 2025 – May 2026

Backend Developer

- Built and supported e-commerce application features aligned with real-world business requirements, contributing to backend-driven product experiences.
- Integrated RESTful APIs for product listings, category management, cart functionality, and dynamic content delivery.
- Collaborated on responsive, performance-conscious application workflows to improve usability across devices.

Projects

SellWise | [GitHub](#) | [Live](#)

May 2026 – June 2026

- Developed a full-stack business intelligence dashboard for small online businesses with three machine learning modules: demand forecasting, customer segmentation, and churn prediction.
- Implemented sales forecasting workflows using Facebook Prophet for 7/14/30-day prediction windows, RFM-based customer segmentation, and churn prediction using Logistic Regression.
- Built the ML layer as an independent FastAPI microservice and integrated it with a Node.js REST API and PostgreSQL database for modular deployment and scalable backend communication.

Sheba Electronics | [GitHub](#) | [Live](#)

Nov 2025 – Jan 2026

- Built a modern, responsive e-commerce user interface based on real-world business requirements and customer-facing shopping flows.
- Integrated RESTful APIs to support product listings, category browsing, cart operations, and dynamic content rendering.
- Improved user experience through mobile-first responsive design and frontend performance optimization.

Technical Skills

Programming Languages: Python, JavaScript, TypeScript

Generative AI & LLM Engineering: Large Language Models (LLMs), LangChain, LangGraph, Retrieval-Augmented Generation (RAG), Model Context Protocol (MCP), AI Agents, Prompt Engineering

Machine Learning & Deep Learning: Machine Learning, Deep Learning, TensorFlow, Keras, Scikit-learn, Facebook Prophet, Pandas, NumPy, Matplotlib

Backend Development: FastAPI, Node.js, Express.js, REST APIs

Frontend Development: React.js, Next.js, HTML, CSS, Tailwind CSS

Databases & Vector Stores: PostgreSQL, MongoDB, MySQL, Pinecone, ChromaDB

Tools & Platforms: Docker, Git, GitHub, Linux, Jupyter Notebook, Google Colab

Certifications

- Machine Learning Specialization — [DeepLearning.AI](#)
- Deep Learning Specialization — [DeepLearning.AI](#)
- Developing Back-End Apps with Node.js & Express — [IBM](#)
- Developing Front-End Apps with React.js — [IBM](#)