

Abdullah AL Muhaimine

Junior Backend / Full-Stack Engineer

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Education

North South University <i>B.Sc. in Computer Science and Engineering (CGPA: 3.44)</i>	2021 – 2025
National Ideal College <i>Higher Secondary Certificate (HSC), GPA 5.00</i>	2018 – 2020
Mohanogor Ideal School <i>Secondary School Certificate (SSC), GPA 5.00</i>	2016 – 2018

Projects

PorteHobe AI (Capstone Project)

- Integrated high-fidelity mathematical reasoning models into a functional application layer.
- Benchmarked system performance against Gemini and Mathstral models using GSM8K datasets.

Bouncy Book Store (Full-Stack E-commerce)

- Architected a full-stack platform using React, Node.js, and Supabase (PostgreSQL).
- Designed REST APIs with JWT-based authentication and role-aware access control.

Data Structure Learning Platform (Backend-Focused)

- Developed a Python backend using FastAPI and Uvicorn to serve LLM-powered educational content.
- Designed APIs for context-aware query handling and integrated vector-based retrieval.

Technical Skills

Backend: Node.js, Python (FastAPI), REST APIs, JWT Authentication

Databases: PostgreSQL (Supabase), MySQL, MongoDB

Frontend: React, Next.js, Tailwind CSS, JavaScript, TypeScript

Dev & Ops: Git, Vercel, Uvicorn, Postman

Concepts: MVC Architecture, API Security, Client-Server Architecture, Relational Schema Design

Languages

English: Professional (Fluent) | **Bangla:** Native (Mother tongue)