

Nobel Ahmad Badhon

Undergraduate Fullstack Developer (Graduating 2026)

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PERSONAL SUMMARY

Dedicated **problem solver** with competitive programming experience. Hands-on experience in building full-stack web applications using the **MERN** ecosystem, with a solid understanding of backend system design, data flow, and **frontend** development. Comfortable working with **Git version control** and collaborating in **team environments**. Passionate about writing **clean, maintainable code**, solving real-world problems, and continuously improving as a software engineer.

EDUCATION

Shahjalal University of Science and Technology, Sylhet, Bangladesh

2022-Present

BSc in Computer Science and Engineering

CGPA: 3.74

PROBLEM SOLVING SKILLS

- **Codeforces:** [BADHON30](#) Pupil (Max: 1260) • **LeetCode:** [BADHON30](#) 215+ Problems
 - **CodeChef:** [badhon30](#) 2* (Max: 1505) • **Vjudge:** [2020331030Badhon](#) 420+ Problems
- ✓ Solved 2000+ algorithm problems across CF / CC / AtCoder / Vjudge / LeetCode.

ACHIEVEMENTS

Ranked 4th — Inter-University National Hackathon at GUB among 250 teams

2025

Backend Expertise — Built REST APIs, designed schemas, integrated LLM models, and implemented ElevenLabs voice agent features

Frontend Expertise — Designed user-friendly and responsive UIs using React and modern frontend practices

AI Trainer at Outlier — Training and evaluating AI responses using **Python, Java, C++**

2023 – Present

2nd Runner Up — BD Apps Competition for Android Project (Academic Level)

2024

KEY PROJECTS

Smart IELTS — AI-Powered IELTS Preparation Platform

Sep-2025

- **Next.js** • **Node.js** • **Express** • **MongoDB** • **GeminiAI** • **ElevenLabs**

Ranked 4th — Inter-University National Hackathon at GUB

✓ Built an AI-based IELTS platform that generates exam-style questions, simulates realistic listening and speaking using AI voice, and provides automated band scoring with personalized feedback.

EduVerse — AI-Powered E-Learning Platform

Jun-2025

- **Next.js** • **Node.js** • **Express** • **React** • **MySQL** • **OpenAI**

✓ Developed an intelligent e-learning system using OpenAI and RAG to auto-generate quizzes from PDFs, manage learning content, and deliver AI-assisted assessments for students and instructors.

SmartPrescription — Modern Clinic Management System

2025

- **Next.js** • **TypeScript** • **Spring Boot** • **Java** • **SQLite** • **JWT**

Achievement: Selected for the **final round interview at CMED Health** based on this project

✓ Designed a secure digital prescription and clinic management system with role-based authentication, structured patient history, and intelligent drug database integration.

ACCOMO Android App — Rented Resident Management Platform

Mar-2024

- **Kotlin** • **JetPack Compose** • **MySQL**

✓ Built an Android rental management app enabling tenant-owner communication, rent tracking, due date monitoring, and payment history management.

Child Learning Web — Interactive Educational Platform for Children

Dec-2023

- **JavaFX** • **Swing** • **OOP**

✓ Developed an interactive learning application for children with educational modules, quizzes, and engaging UI using object-oriented design principles.

TECHNICAL SKILLS

Languages: C, C++, Python, Java

Backend: Node.js, Express, Spring Boot, MongoDB, MySQL, LLM models integration

Frontend: Next.js, TypeScript, Tailwind CSS

AI/ML: RAG ([GitHub](#)), Computer Vision (YOLOv8)

Tools: Git, Linux