

Nobel Ahmad Badhon

Undergraduate Fullstack Developer (Graduating 2026)

+880 1766 164681

ahmadbadhon28@gmail.com

Github: BadhonAhmad

LinkedIn

EDUCATION

Shahjalal University of Science and Technology, Sylhet, Bangladesh

BSc in Computer Science and Engineering

2022-Present

CGPA: 3.74

PROBLEM SOLVING SKILLS

- **Codeforces:** [BADHON30](#) — Pupil (Max: 1260) — Solved 1000+ Problems
- **CodeChef:** [badhon30](#) — 2* (Max: 1505)
- **Leetcode:** [BADHON30](#) — Solved 215+ Problems
- **Vjudge:** [2020331030Badhon](#) — Solved 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

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

- ✓ Implemented AI-generated IELTS-style questions tailored to user-selected patterns
- ✓ Integrated ElevenLabs AI voice for interactive listening and speaking test simulations
- ✓ Added AI-based auto marking system for evaluating responses, band scores, and providing personalized feedback

EduVerse — AI-Powered E-Learning Platform

Jun-2025

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

- ✓ Integrated OpenAI API with RAG to automatically generate quizzes and short questions from PDF uploads
- ✓ Enabled teachers to upload videos, PDFs, and efficiently manage course content
- ✓ Implemented drag-and-drop functionality for student course material organization
- ✓ Developed note-taking system with full CRUD support for student annotations
- ✓ Enabled students to take exams with automated assessment generation

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

- ✓ Developed a real-life prescription generation system with doctor-style prescription layout, editing, and printing support
- ✓ Implemented day-wise/date-wise filtering facilities and simplified patient profile management for doctors, including access to previous medical history
- ✓ Designed drugs database management for fast and accurate prescription writing
- ✓ Secured backend using Spring Security with JWT-based authentication and role-based access

ACCOMO Android App — Rented Resident Management Platform

Mar-2024

•Kotlin •JetPack Compose • MySQL

- ✓ Built communication system between property owners and renters for issue reporting
- ✓ Implemented payment tracking feature to monitor rent status and due dates
- ✓ Created dashboard for owners to view unpaid units and payment history
- ✓ Streamlined rental management process reducing manual tracking efforts

Child Learning Web — Interactive Educational Platform for Children

Dec-2023

•JavaFX • Swing • OOP

- ✓ Designed colorful interface with interactive modules for learning alphabets, poems, and animals
- ✓ Developed general knowledge quiz system with child-friendly questions
- ✓ Applied OOP principles for modular and maintainable code structure
- ✓ Created engaging educational experience suitable for early childhood learning

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