

# Nobel Ahmad Badhon

Undergrade Fullstack Developer (Graduating 2026)

## 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) — 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