

# Nobel Ahmad Badhon

Undergrade 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)
  - **CodeChef:** [badhon30](#) 2\* (Max: 1505)
  - **LeetCode:** [BADHON30](#) 215+ Problems
  - **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