RIGAN MAHMUD CHOWDHURY

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github.com/K-2LU

EDUCATION

Shahjalal University of Science and Technology Sylhet, Bangladesh
BSc in Computer Science and Engineering Feb 2020 – Jul 2025
- GPA: 3.69/4.00
- Coursework: Java, Data Structures, Algorithms, DBMS, Web Technology, ML

SKILLS

Languages: C, C++, Java, Python, JavaScript

Frontend: React, Next.js, Tailwind CSS

Backend: ExpressJS, Spring Boot

Databases: PostgreSQL, MongoDB

Problem Solving: Solved 1000+ problems across various online judges

EXPERIENCE

Software Development Intern
Sylergy Digital Jul 2025 – Present

- Contributed to frontend integration with React and Tailwind CSS.
- Worked with frontend design tools, like**framer**
- Tested REST APIs with **Swagger/Postman**.

PROJECTS

Milieux - Therap JavaFest
Full Stack Developer Jul 2024 – Oct 2024

- Built a full-stack e-commerce app using Next.js, shadcn/ui, and Spring Boot
- Designed responsive UI using Tailwind CSS and shadcn/ui
- Integrated Gemini API for image/video analysis and caption generation

Doctor Appointment System
Frontend Dev, Database Engineer Apr 2023 – May 2023

- Built frontend using HTML, CSS, JavaScript
- Designed and optimised MySQL database

THESIS

Leveraging Computer Vision for Toll Management

Feb 2024 – Jul 2025

- Using YOLO for vehicle classification
- Automating toll revenue analysis for Bangladesh
- Developed our own dataset for Bangladeshi Vehicles

ACHIEVEMENTS

- **Finalist**, Therap Javafest 2024 (national-level coding contest)
- **Participant**, ICPC Asia Dhaka Regional 2020