




Ridoy Baidya

Sylhet, Bangladesh — +880 1330751574

✉ ridoybaidya2@gmail.com —  github.com/rid-coder-70 —  linkedin.com/in/ridoy-baidya —  ridoybaidya.vercel.app

Education

Shahjalal University of Science and Technology (SUST) 2023 – Present

B.Sc. in Computer Science and Engineering

CGPA: 3.31/4.00

Relevant Coursework: Data Structures and Algorithms, Operating Systems, Database Systems, Software Engineering, Design Patterns

Technical Skills

Languages: C++, Python, JavaScript, TypeScript

Frameworks: React.js, Node.js, Express.js, FastAPI

Databases: MongoDB, PostgreSQL, Neo4j

Tools: Git, Docker, Linux, AWS (basic)

Concepts: OOP, REST APIs, System Design Fundamentals, Distributed Systems Basics

Projects

Bangla Coin – Blockchain Fraud Detection System 2026

React, Node.js, Solidity

Live Demo — GitHub Repository

- A 4-member team to win 1st place (50K BDT) at Friction Hackathon 2026.
- Designed and implemented a transaction risk analysis engine to detect suspicious blockchain activity.
- Developed secure Solidity smart contracts integrated with backend REST APIs.
- Built complete full-stack application supporting wallet interaction and real-time transaction tracking within 48 hours.

DesiDiet AI – Personalized Nutrition Platform 2026

React, FastAPI, Neo4j

Live Demo — GitHub Repository

- Engineered AI-powered recommendation system for personalized meal planning.
- Designed scalable REST APIs using FastAPI to process health inputs and generate optimized diet plans.
- Modeled complex dietary relationships using Neo4j graph database.

Healthbed AI – Health Monitoring Application 2026

Python, TensorFlow

Live Demo — GitHub Repository

- Built machine learning-based health risk prediction module using TensorFlow.
- Integrated frontend dashboard with backend prediction services via REST APIs.
- Designed modular and scalable architecture for processing health data efficiently.

Competitive Programming

Solved 582+ algorithmic problems across platforms.

Codeforces (Max Rating: 1082) — CodeChef (Peak Rating: 1278) — LeetCode (70+ problems)

Achievements

- Friction Hackathon 2026 – 1st Place (50K BDT)
- DevOps Hackathon BUET – Top 20
- DevOps Hackathon CUET – Top 50