

# MD ROBIUL ISLAM

Rajshahi, Bangladesh

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## SUMMARY

A motivated Computer Science undergraduate with a solid foundation in data structures, algorithms, and object-oriented programming, passionate about building efficient and scalable software solutions.

## EDUCATION

### Khulna University of Engineering & Technology (KUET)

BSc in Computer Science and Engineering

2022 – Present

CGPA: 3.70/4.0 (till 6th semester)

## TECHNICAL SKILLS

- **Programming Languages:** C, C++, Java, Python, PHP, Swift
- **Mobile Development:** Android (Java, XML), iOS (Swift, SwiftUI)
- **Frontend:** HTML, CSS, JavaScript, ReactJS
- **Backend:** Spring Boot, Django, Laravel
- **Database:** Firebase, Room, MySQL, PostgreSQL, SQLite
- **Architecture:** MVC, MVVM, MVT
- **Operating Systems:** Windows, MAC, Linux (Ubuntu)
- **Tools:** Git & GitHub, Gradle, Maven

## PROJECTS

### Railway Management System ↗ | Android, Java, Firebase, REST API

- Android app with admin/user roles. Admins manage train schedules, users search routes and book tickets.

### Cardiac Recorder (Team Project) ↗ | Android, Java, SQLite, Firebase

- Android app for tracking blood pressure and heart rate with date-time logging, data filtering, and offline/online sync.

### Bangla Book Recommendation System ↗ | Django, Machine Learning, SQLite

- Full-stack website for Bangla book recommendations using ML algorithms and hybrid filtering methods.

### Grocery Shopping Web App ↗ | PHP, Laravel, MySQL

- Responsive e-commerce web app with user registration, product browsing, and checkout system.

### Recipe Book (iOS) ↗ | Swift, SwiftUI, Xcode

- iOS recipe application with clean and intuitive interface developed as a team project.

### Blood Bank Management ↗ | C++, OOP Concepts

- Console application implementing OOP concepts: Encapsulation, Abstraction, Inheritance & Polymorphism.

## ACHIEVEMENTS

### Dean's Award, Faculty of EEE

2021–22

Academic Excellence

### 62nd at Datathon in BitFest KUET

2025

CSE FEST 2025

### 11th Position - Individual Contest

2024

SGIPC Programming Contest

### 8th Position - Team Contest

2024

SGIPC Programming Contest

## PROBLEM SOLVING

### Solved 700+ Problems on Online Judges

CodeForces, LeetCode, CodeChef

- **CodeForces (RYAD08):** 500+ problems solved
- **LeetCode (Robiul\_Riyadh):** 150+ problems solved
- **CodeChef (ryad):** 50+ problems solved