

Md. Robiul Islam

📍 Dhaka, Bangladesh

☎ +8801773844866 ✉ robiulriyadh66@gmail.com

in linkedin.com 🌐 github.com

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CAREER OBJECTIVES

Passionate CSE undergraduate with strong interests in machine learning, software engineering, and academic research. Experienced in Android, backend, and AI-based development projects, with research focus on efficient deep learning architectures for resource-constrained environments.

EDUCATION

BSc. in Computer Science and Engineering 2022-2026

Khulna University of Engineering & Technology (KUET)

CGPA: 3.70 out of 4.00

Higher Secondary Certificate (HSC) 2018-2020

Shahid AHM Kamaruzzaman Govt. Degree College, Rajshahi

GPA: 5.00 out of 5.00

Secondary School Certificate (SSC) 2016-2018

Rany River View High School, Bagmara, Rajshahi

GPA: 5.00 out of 5.00

THESIS WORK

Design & Optimization of Low-Compute Vision Architecture for Resource-Constrained Environments. Applied mixed-precision quantization on Vision Transformers (ViT) for efficient edge-device deployment with reduced computation and model size.

TECHNICAL SKILLS

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

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, JUnit

- 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 for KUET-based blood donation with Admin-controlled database and Donor/Acceptor roles.

PROBLEM SOLVING

Solved 700+ Problems on Online Judges

CodeForces, LeetCode, CodeChef

- **CodeForces (RYAD08)** : 400+ problems solved
- **LeetCode (Robiul.Riyadh)** : 150+ problems solved
- **CodeChef (ryad)** : 50+ problems solved

ACHIEVEMENTS

4th Position - Rajshahi Division Science Olympiad **2020**

Regional Science Olympiad Competition

Dean's Award, Faculty of EEE **2021–22**

Academic Excellence

8th Position - Team Contest **2023**

SGIPC Programming Contest

11th Position - Individual Contest **2023**

SGIPC Programming Contest

62nd at Datathon in BitFest KUET **2025**

CSE FEST 2025

LANGUAGE PROFICIENCY

- **Bengali:** Native
- **English:** Proficient (Reading, Writing, Speaking)

EXTRACURRICULAR ACTIVITIES

Bit2Byte - Software R&D Community **2022-2026**

Member

Khulna University of Engineering & Technology

SGIPC - Programming Contest Group **2022-2026**

Member

Special Group Interested in Programming Contest

BitFest 2025 - CSE National Festival **2025**

Event Organizer (24-hour Hackathon)

KUET

REFERENCE

Dr. M.M.A. Hashem

Professor

Department of Computer Science and Engineering

Khulna University of Engineering & Technology,

Khulna -9203, Bangladesh

E-Mail: hashem@cse.kuet.ac.bd

Website: <https://kuet.ac.bd/cse/hashem>

Phone no: +8801714003949

Dr. Sk. Imran Hossain

Professor

Department of Computer Science and Engineering

Khulna University of Engineering & Technology,

Khulna -9203, Bangladesh

E-Mail: imran@cse.kuet.ac.bd

Website: <https://kuet.ac.bd/cse/imran>

Phone no: +8801758073936