

MD ROBIUL ISLAM

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Riyadh08

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Summary

A passionate **Java** developer enthusiast with a robust understanding of data structure, algorithms, and design patterns. Fast learner and passionate about working in fields related to Java and new technologies.

Technical Skills

Programming Languages:

- **Java**, C, C++, Python, Swift

App Development:

- Android Studio, Xcode, XML

Web Development Frontend:

- HTML, CSS, JavaScript, React Js

Backend Development:

- **Spring Boot**, **Django**, **Laravel**

Database:

- Firebase, Room, MySQL, PostgreSQL, Oracle

Other Tools:

- Git & GitHub, Gradle, Maven, Rest-Api, Linux

Architectural Pattern:

- MVC, MVVM, MVT

Achievements

Champion in Idea contest

- Innovative Idea Competition KUET, 2024

Champion at Ignition

- Project showcase, organized by ME, KUET, 2023

BdApps Regional Champion

- Khulna Region - 2022

Dean's awards, Faculty of EEE

- Session 2021-22

62th at Datathon in BitFest KUET

- Organized by KUET, CSE FEST 2025

11th in 2k20

- Individual contest by SGIPC, 2024

59th in IUPC

- Organized by UIU, 2025

Extra Curricular Activities

Member, Bit2Byte

- Bit2Byte is a Software Research & Development Community of KUET

Event Organizer, BitFest 2025

- Organizer of 24hour Hackathon at the 3rd KUET CSE National Festival

Education

BSC in Computer Science and Engineering

Khulna University of Engineering & Technology (KUET)

(2022– Present)

CGPA: **3.72** out of 4.0

Problem Solving Summary

Solved **700+** programming problems and participated in onsite and online contests.

CodeForces

- **RYAD08**
- Solved 500+ problems.

LeetCode

- **Robiul_Riyadh**, Solved 150+ problems.

Codechef

- **ryad**, Solved 50+ problems.

Major Projects

ClassMate

An Android app where users can create a class and manage it in an organized way with their classmates. **Currently live in Play Store.**

- Android, Firebase, Room, MVVM, Spring Boot, MVC

Shape Learning

An Android app where user can learn characteristics and drawing steps of a shape, and can also take quiz, practice and see his rank.

- Android, Java, Firebase, Custom View

Car Controller with app

This is an IOT project. The car is controlled by Raspberry pi. The Android app works as a remote for that car. The car uses python script for communicating.

- Android, Java, Python, WebSocket, Bluetooth, IOT, API

Screen Sharing

Here the android app can work as a virtual mouse. Users can share their laptop's screen and control it via the app like touch screen devices.

- Android, Desktop, Java, Kotlin, MVVM, KMM, WebSocket, Multi-threading.

Video Calling

An Android app where a patient can talk with doctor in video call. They can also send message and files.

- Android, Java, Agora

Bit2Byte website

This is the website of our development club. Here user can write/share blogs. Organizer can manage club activities.

- Spring Boot, Java, Thymeleaf, SQL