# MD ROBIUL ISLAM

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# Summary

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# Education

Bagmara, Rajshahi

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, 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

* Organized by KUET, CSE FEST 2025

**11th in 2k20**

* Individual contest by SGIPC, 2024

**59th in IUPC**

* Organized by UIU, 2025

# Extra Curricular Activities

## President, 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

## 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**](https://codeforces.com/profile/RYAD_08)
* Solved 500+ problems.

## LeetCode

* [**Robiul\_Riyadh**](https://leetcode.com/u/robiulriyadh66/)**,** Solved 150+ problems.

## Codechef

* [**ryad**](https://www.codechef.com/users/ryad)**,** Solved 50+ problems.

# Major Projects



**[ClassMate](https://play.google.com/store/apps/details?id=com.lazymind.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**](https://github.com/abusaeed2433/WheelController)

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**](https://youtu.be/wW8Cj_r8f-I)

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**](https://github.com/abusaeed2433/DoctorPatient)

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**](https://www.bit2bytekuet.com/)

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

* Spring Boot, Java, Thymeleaf, SQL