

# MD ABU SAEED

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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**, Kotlin, C, C++, Python, Swift

### App Development:

- Android Studio, XML

### Web Development:

- HTML, CSS, JavaScript, Laravel

### Backend Development:

- **Spring Boot**, Thymeleaf

### Database:

- Firebase, Room, MySQL

### Other Tools:

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

### Architectural Pattern:

- MVC, MVVM

## 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 2020-21

### 1st Runner-Up at Hackathon

- Organized by KU, CSE FEST 2022

### 7<sup>th</sup> in 2k19

- Individual contest by SGIPC, 2022

### 59<sup>th</sup> 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 3<sup>rd</sup> KUET CSE National Festival

## Education

### BSC in Computer Science and Engineering

Khulna University of Engineering & Technology(KUET)

(2019 – Present)

CGPA: **3.63** out of 4.0

## Problem Solving Summary

Solved **1400+** programming problems and participated in onsite and online contests.

### CodeForces

- [abusaeed2433](#), [saeed2433](#)
- Max Rating: **1421**. Solved 1100+ problems.

### LeetCode

- [abusaeed2433](#) Solved 150+ problems.

### UVA online judge

- [unknown\\_2433](#), 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