

MD ABU SAEED

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Summary

Android developer enthusiast with a robust understanding of data structure, algorithm and design patterns. Fast learner and passionate about working on field related to Java and new technologies.

Technical Skills

Programming Languages:

- C, C++, Python

App Development:

- Android Studio, **Java**, Kotlin

Web Development:

- HTML, CSS, JavaScript, Laravel

Database:

- Firebase, Room, MySQL

Other Tools:

- Git & GitHub, Gradle, Rest-API, Spring Boot, KMM

Design Pattern:

- MVVM

Achievements

7th in 2k19

- Individual contest by SGIPC, 2022

Champion in Idea contest

- Innovative Idea Competition KUET, 2024

BdApps Regional Champion

- Khulna Region - 2022

Champion at Ignition-2023

- Project showcase, organized by ME, KUET

Extra Curricular Activities

Organizing Secretary, Bit2Byte

- Bit2Byte is a software development club of KUET

Senior Member, SGIPC

- Special Group of Interested People in Contest Programming(SGIPC) is the competitive programming community in KUET.

App Development Summary

Proficient in Java

- Did many projects and CP in **Java**

Completed many projects

- Completed **15+** projects. Few of them are published.

Experienced with Android components

- Android SDK, Permission handling, Google Map.
- Custom views with animation and touch interaction.

Education

BSC in Computer Science and Engineering

Khulna University of Engineering & Technology(KUET)

(2019 – Present)

CGPA: **3.70** out of 4.0

Problem Solving Summary

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

CodeForces

- [abusaeed2433](#), [saeed2433](#)
- Max Rating: **1417**. 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.

- Android, Java, Kotlin, Firebase, Room, MVVM

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 an 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

Bus Manager(Still working)

It is an admin panel where admin can see buses, routes, trips etc in list or in map.

- Spring Boot, Java, Thymeleaf, SQL