Aaditya Singh

aadityakaka@gmail.com | My Portfolio | +918318524571

EDUCATION

NIT JALANDHAR
BTECH IN COMPUTER SCIENCE
2018-2022 | Jalandhar, India
CGPA: 8.19 / 10.0

TULSI VIDYA NIKETAN
INTERMEDIATE, SCIENCE
Board: CBSE
Cmpl. 2017 | Varanasi, India
Percentage: 89.2%

ST. FRANCIS SCHOOL
HIGH SCHOOL
Board: ICSE
Cmpl. 2015 | Varanasi, India
Percentage: 88.3%

LINKS

Aaditya Singh's Portfolio
Github:// **AadityaSingh360**
LinkedIn:// **aaditya-singh01**
Codechef:// **aaditya_singh**
Codeforces:// **AadityA_Singh**

SKILLS

PROGRAMMING LANGUAGES
Experienced
- C / C++
- Java

Familiar
- Scala
- Dart
- SQL

FRAMEWORKS
Android Development
- Native Android
- Flutter

Java
- SpringBoot

AWS
- EC2, ECS, S3, EMR

Database
- S3, Firebase

OTHERS
- Git/Github
- Linux

COURSEWORK

Data Structures and Algorithms
Design and Analysis of Algorithms
Object Oriented Programming(with C++)
Operating Systems
Database Management Systems

EXPERIENCE

AMAZON | Software Developer Engineer
Jul 2022 - Present | Bangalore
- Worked with the **Retail Offers team** that displayed **featured offers(Ads)** on the website.
- Developed functionality to display featured offers to users on the retail page, based on postal code.
- Designed and implemented changes in **AWS EMR** to increase the accuracy of the service, by almost doubling the postal code days coverage from **28% to 50%**.
- Implementing and Re-tuning dependant **EC2 services** to accommodate the increased coverage.

AMAZON | Software Developer Intern
Jan 2022 - Jun 2022 | Bangalore
- Migrated a service which shows national level offers, from on-premise infrastructure to AWS Native.
- Set up the **entire infrastructure** required for this migration, such as configuring clusters, ECS Fargate Tasks, CloudWatch Alarms, and setup of Allegiance.

SUCCESS NUMBERS LLC | Software Developer Intern
Aug 2021 - Nov 2021 | New Delhi
- Worked with Oracle Xstore POS(JAVA Backend) for clients like **Kaiser Permanente** and **Sleep Country**.

MAG STUDIOS | Application Developer Intern
Feb 2021 - June 2021 | New Delhi
- Developed an Android app with features parity to their website for conducting online examinations.

PROJECTS

LEARN | Android, ARCore, ML Kit, Firebase
Github Repo Link

- leARn is an educational **augmented reality android app** that allows users to **scan** the image, **classify** it and then place its **interactive AR model** for better understanding of the object.
- Technology Stack: JAVA, ML kit for Firebase, ARcore, Sceneform

NOTES-TUBE | Android, API, Firebase Firestore
Github Repo Link

- A YouTube notes-maker **android** application with features like **searching videos, making notes** while watching videos and **user authentication**.
- Notes gets saved corresponding to the video watched.
- Technology Stack: JAVA, Firebase Firestore, SQLite, YouTube Data API v3, XML, Lottie

ACHIEVEMENTS

SMART INDIA HACKATHON
2019-20
- Created an e-commerce website during Internal Hackathon for Smart India Hackathon. Selected in **top 5 teams** to represent the Institute at the national level.