

[Software Developer]**Education Qualification :**

BE Petrochemical	2019	MIT, Pune	8.84 CGPA
Class XII ISC	2015	Singhania School , Thane	94.4%
Class X ICSE	2013	Singhania School , Thane	88%

Technical Skills & Tools :

Java , Spring , Android with NDK, Kotlin, Firebase , Javascript , Node.js , React Native (Redux) , MongoDB , Git , Socket.io , Kubernetes , Python, Mediapipe, Tensorflow (and TFlite) , OpenGL 2.0, LibGDX, MLKit

Professional Experience:**Software Engineer , Fynd**

JANUARY , 2020 – PRESENT

- Joined the company initiative initially as an Android Developer (**Java**) in the **Applied Machine Learning** team to work on **GlamAR**, which is a virtual based try-on app. I helped build the SDK as well as the playstore showcase app from scratch.
- Explored various frameworks to get the result of **12+ FPS on low end devices**, such as **Mediapipe, MLKit** and **OpenCV** for the **Machine Learning** part, and **OpenGL** and **LibGDX** for the rendering part.
- Worked extensively in **Android NDK**, for making network calls using **CURL**, and performing the rendering operations.
- Deployed the SDK in JFrog as an artifactory for public consumption, and built the documentation for the same.

Software Developer , Moodcafe

JUNE , 2019 – DECEMBER, 2019

- Joined the IIT-R and IIM-A initiative initially as an Android Developer (**Java**) and led a team of interns to refactor the whole code base into a new version of the app , which was optimized , in terms of performance (by multi-threading) , had better UI , reduced size and achieved a frame rate of 60 fps with minimum frame drops within 2 months.
- Later on, learnt core **Javascript** and developed a hybrid app (**React Native**), which was used by a user base of 20,000+ with a daily user count of 450+, from scratch within a time constraint.
- Co-ordinated and helped develop business logic on backend (**Node.js**), integrated payment gateways - **PayTm** and **Razorpay**'s API within a week, created python scripts for database migration and data analytics scripts(for data which was logged in app using **Socket.io**) and developed notification architecture for increasing user retention.

Projects:

Spring Framework (REST API)	<ul style="list-style-type: none"> Created a RESTful Consumable API using Spring for stock price prediction from scratch. Integrated a 3rd party REST API for fetching news headlines for a stock (to be monitored) Used H2 database for persisting the news headlines, Aspect Oriented Programming and DI practices. Deployed the JAR to an AWS server using Docker. Made an Android Application (Java) which received notifications whenever the algorithm got triggered and flagged to buy or short a stock which was being monitored. Made the application multi-threaded for improved API call performance.
Java , Python (Android Application)	<ul style="list-style-type: none"> Created a native Android Application (Java) from scratch for college students to share college notes, assignments, download previous year's question papers as well as sell books. Made a web crawler in Python to find all the engineering colleges in India as well as the courses they offered. Used Firebase for Google Authentication and Database Storage. Created a Node.js script to mirror the Firestore Database in Algolia to perform Full Text Searches , to find a book for a given author , title or publication and deployed the script to Heroku.

Extra-Curricular Activities & Achievements:

- Received 2 MoodStars, an achievement in Moodcafe given for outstanding performance, one for Entrepreneur Spirit and the other for Coordination Skills, both given by the CTO of the company.
- B.E final year project, which was a team of 3, was nominated as one of the best projects for the year.
- Elected as one of AICHe's Executive Student Committee Member.
- Playing guitar and composing music (approaching record labels to release a song professionally)