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[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 , Android with NDK, Kotlin, Firebase , Javascript , Git , Socket.io , Python, Mediapipe, OpenGL 2.0, LibGDX, MLKit

Portfolio : Link

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 on **JCenter** 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, 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, 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)	- 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)	- 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 **Firebase 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:
- 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)