MOHIT GUPTA

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EXPERIENCE

SDE I (Android) - Koo India (10M+ installs)
📅 Aug 2022 – Present   📍 Bangalore,India

SDE I (Android) - Neon Byte
📅 May 2022 – July 2022   📍 Bangalore,India

- Built an end to end **VPN(Virtual private Network)** client-sever architecture based on **IPSEC/IKEV2** tunneling protocol powered by **StrongSwan** open source project.
- Developed app level and device level vpn client **configuration** feature using **VPNService** API
- Implemented **recursive CRUD** operations on **sqlite** database for building a bookmark system.
- Generated android studio project for building **chromium browser**.
- **Tech Stacks** :- StrongSwan, Sqlite, Digital Ocean Server, Shell Scripts, Linux TC utilities, Chromium, Java, Kotlin.

SDE (Android) Intern - Josh Skills (1M+ installs)
📅 Dec 2021 – May 2022   📍 Bangalore,India

- Accomplished **1.6x** increment in **user retention** time on user profile by **building various features** from scratch and optimizing existing ones.
- Built a **unique** global activity feed feature for the entire app from scratch and **optimized** it by replacing the **three tier architecture** of Firebase (which costed **1M+** write **transactions** in just 3 days) to two tier architecture with **dynamic** intervals to showcase user activities in the app.
- Developed a **Fpp** (Favourite practice partner) request system feature from **scratch** by collaborating with a team of **3** members..
- **Tech Stacks** :- MVVM, Livedata, Coroutine, Retrofit, Glide, Firebase Firestore, ViewModel, RecyclerView, ViewPager, Shimmer. .

ACHIEVEMENTS

- Achieved global rank **81** (out of **26k** participants) in codechef october long challenge.
- Solved **700+** DSA problems on various coding sites.
- Secured **Gold badge** in c++ course of NPTEL hosted by IIT Bombay after securing **91%**.
- My innovative idea was selected out of **13,000** participants for pre-incubation under Startup Bihar policy 2017. [Media Recognition]
- Executed a social startup leading a team of 6 where we approached **100+** colleges all over India and acquired **1400** hits on the Website on the first day of launch. [Demo]
- Featured by various newspapers many times,for my various projects and victories.[Link]

TECHNICAL SKILLS

- Android App Development, Android Studio, Git and Github, Firebase, Data Structures and Algorithms.
- C, C++, Java, kotlin

EDUCATION

B.Tech. (CSE) - 8.23 CGPA
Bhagalpur College of Engineering
📅 Aug 2018 – Aug 2022

PROJECTS

Rudoyo (Team Project) | A Rumour Control Platform |Had 500+ installs, 50+reviews, 4.8 star rating on PlayStore
[Source Code] [Media Recognition]

- A rumour control platform which **minimises** rumours across the internet by using an **ML** based **video verification** and voting, review based image verification system.
- It performs **sentiment analysis** on the YouTube video comments **fetched** by YouTube Data V3 API,with the help of **TensorFlowLite** Task library(which is an ML model trained by **25k** movie reviews IMDB datasets),to predict the **truth probability** of videos.
- **Tech Stacks** :- Firebase Firestore, Firebase Authentication, Firebase Storage Glide, TensorFlowLite task library, Image compressor and cropper libraries, Retrofit.

LadyBuddy(Team Project) | Women safety application | 100+ installs, 5 star rating on PlayStore
[Link] [Source Code]

- This platform **reduces** women's safety problems by providing features such as sending emergency messages embedded with **live location**, to their relatives and also calling one of them by just tapping the **power button** three times, detecting those **spy cameras** which do not emit **IR** rays, watching women's news for their empowerment and **Siren alert**.
- **Tech Stacks** :- Shared Preferences, FusedLocationProviderClient API, Background service, Broadcast Receiver, Magnetometer Sensor, SMS Manager API, Retrofit, News API.

HACKATHONS

SIH-Internals (1st position out of 80 participants)

- Built a solution for the Doctor's appointment and patient's queuing problem under the Ministry of AYUSH with a team of **6** members.The solution has all the features required by the organization along with some unique features like live tracking of patient's queue, contactless prescription. **Tech Stacks**:- HTML,CSS[Link]

BCE Hackathon(1st position out of 120 participants)

- Built a solution for women's safety problems.