Ketan Gupta

LinkedIn | Github

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SKILLS

ANDROID
Architecture: MVVM • MVI
Kotlin Coroutine • Hilt
RxJava • Kotlin Flow • Retrofit

FAMILIAR WITH:
Firebase
Google Cloud Platform
Dependency Injection (Dagger2, Hilt)
MySql • Flutter

LANGUAGE
Java • Kotlin
JavaScript • C/C++

COURSE

- DataStructure and Algorithm
- Android App Development
- Operating System
- Computer Network

ACHIEVEMENTS

SMART INDIA HACKATHON'20
Winner SIH'20 Hardware Track among 450 participating teams.

EDUCATION

ABV-IIITM
INTEGRATED B.TECH AND M.TECH IN INFORMATION TECHNOLOGY
2017 - 2022 | Gwalior, IN
CGPA: 7.3

KENDRIYA VIDYALAYA
2017 | Bhopal, IN
CBSE XII: 91%

EXPERIENCE

RAKUTEN | SDE INTERN
April 2021 - Present | Remote

- Developing no-code Automation Testing Platform for Websites and Mobile application Testing.
- Developed Mobile-Wrapper for capturing Elements and performing user action with Appium.
- Integration with Kobiton, BrowserStack, Remote TestKit.
- Micro services architecture with Sprint Boot.

LOADEXX | PRODUCT DEVELOPER
November 2020 - January 2021 | Remote | Website | PlayStore

- Developed Android application for an On-Demand e-vehicle booking platform for both client and driver.
- Implemented **Auth** using Firebase, Google Maps and Push Notifications.
- Implemented Razorpay and YBANQ as Payment Gateway.
- Transferring and Maintaining the Android App and back-end **nodejs** server.
- Deployed Server on Digital Ocean using **nginx, pm2, mysql**.
- Techstack: Android, Kotlin, MVVM, Retrofit, Coroutines.

PROJECTS

PC-REMOTE | GITHUB
Control Mouse and Keyboard from your android phone.
TechStack: Android, **C**, X11, **MVVM pattern, Hilt**.

- Established connection between android and computer by via **TCP and UDP Sockets**.
- Implemented Mouse TrackPad, Left Click, Right Click, Horizontal and Vertical Scroll, forward button, back button.

MUSIC PLAYER | GITHUB
Android Clone of Spotify.
TechStack: Android, **MVVM, Hilt, Foreground Service**.

- Foreground Service for playing music and notification.
- Pause/Play and Next/Previous Song in the list through Notification.
- **Broadcast Receiver** to listen interaction from Notification.
- Store last playing song and playback, to resume at next launch.
- Implemented Light/Dark Theme.

DRAW | GITHUB
Draw with finger and save as png.
TechStack: Android SDK.

- Features - Change Pen Color, Pen Width, Background Color, undo, clear board.
- Android SDK - Canvas, Path, Paint.