

Geetanshu Batra

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Summary

Experienced mobile app developer with over **4.5 years** of expertise in Mobile app development. Skilled in React, JS, TypeScript, Core Java, and Kotlin. Committed to delivering high-quality & innovative solutions.

Technical Skills

Primary: React Native | ReactJs | Redux | Javascript | Typescript

Secondary: Android | Core Java | Kotlin | Firebase

Experience

Associate Software Engineer | Unthinkable Solutions | **July 2020 - present**

Projects

Medical Legal & Telemedicine Solution [[React Native](#) | [Javascript](#) | [Typescript](#) | [Context](#) | [Redux](#)]

(Nov 2021 - present)

It consists of multiple react native applications that provides healthcare services directly from your phone & helps patients to connect to Medical Practitioner over a video call and get advice from them.

Apps-Link: [Push Doctor \(ios\)](#) & [Push Doctor \(Android\)](#) | [Aviva Digital GP \(ios\)](#) & [Aviva Digital GP\(Android\)](#) | [Clinician in a pocket \(ios\)](#) & [Clinician in a pocket \(Android\)](#)

- Integrated **Stripe** payment Gateway for smooth payment process for consultations.
- Worked on **OpenTok** sdk integration for seamless video calling.
- Worked on **CI/CD** pipeline using Bitrise for automated build generation and deployment.
- Integrated **Dexguard/Ixguard** to enhance code level security by using root detection/ jailbreak detection, Certificate checking & Obfuscation.
- Used **CodePush** to deliver over-the-air updates as needed when new js changes need to be released.
- Worked on **app deployment** to Google Play and Apple App Stores for beta testing with TestFlight and Android Beta Channel Releases.
- Implemented **Firebase** : push notifications, analytics, crashlytics, and Remote Config.
- Implemented data security through encryption for **Restful** API communications and local storage.

React modules [[React Native](#) | [Typescript](#) | [Context](#)]

(Jan 2023 - present)

It is basically a collection of multiple standalone libraries built for providing common api service, feature-flagging, navigation libraries and multiple flows used in the project..

- Built reusable components and libraries to ensure consistency and efficiency across multiple projects utilizing **Mono Repo**.
- Increased code quality through **SonarCloud** integration and maintained high test coverage using **Jest and React Native Testing Library** (95%+).
- Worked on **Redux and Context** API architecture closely for better state management and efficient application re rendering.
- Created generic library for **feature flagging** utilizing firebase remote config for toggling features visibility in the applications.
- Create generic **api service/network layer** using **Custom Hooks** concept to support required network calls in the app.

Medical Profile & Payment Web module [[React JS](#) | [HTML](#) | [CSS](#)]

(Mar 2021 - Oct 2021)

Medical Profile Web Application created in ReactJs that allows the user to fill in their medical history.

Payment module created in React JS for seamless payment gateway experience utilizing stripe as the payment library.

- Designed the user interface that supports both mobile and web.
- Security features such as encryption-decryption between APIs as well as while storing and retrieving data from local storage.
- Unit test cases using **Jest & RNTL**.

Other Projects:

(July 2020 - Mar 2021)

[\[Link\]](#) **Hero Security (Antivirus & Optimizer)** [[Android](#) | [Java](#) | [Kotlin](#)]

This is an Android application that allows users to scan their installed applications in device for viruses, connect to a VPN, use the QR scanner and many other features such as junk cleaner, battery optimiser, storage optimiser & App locker.

- Integrated **Avira Sdk** for detecting infected apps from malware.
- Worked on Custom App-Locker functionality to password protect your device apps.
- Utilized **Jenkins** as the CI/CD for build automation.
- Implemented **Proguard** for Shrinking and Obfuscating the code to enhance code security.

Device Health Sdk [[Android](#) | [Java](#) | [Kotlin](#)]

FS Security Device Health Check Library is an **Android SDK** which provides a mechanism to check a phone's hardware, sensors and components to make sure everything is working properly for the purpose of mobile device insurance.

Amani [[Android](#) | [Java](#)]

It was an **Android SDK** built for the KYC process used in banks or in other identity verification. It had several steps like capturing and uploading documents(Passport, Driving license), selfie, Address proof or personal details for the verification of user.

Education

Masters in Computer Application(Non-attending) | Maharaja Agrasen Institute, Yamunanagar, Haryana | Sep. 2020 - Sep 2022

Bachelors in Computer Application | **TilakRaj Chadha Institute**, Yamunanagar, Haryana | July 2017 - July 2020

Declaration

I consider myself familiar with software aspects of a project with confidence in my ability to work in a team. I hereby declare that the information furnished above is true to the best of my knowledge.

(Geetanshu Batra)