

PRATEEK GROVER

Mobile Application Developer

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EXPERIENCE

Member of Technical Staff, Mobile

PhonePe

📅 Sep 2019 – Present

📍 Bengaluru, India

- Researched on & created a Kotlin/Native framework to build applications on top of it
- Rewrote the Stores module & led a team of 2 members
- Extensively worked on chat framework as part of P2P (peer-to-peer) pod. Refactored & improved the maintainability & performance along with adding a major feature called Chat Groups.
- Redesigned the database for Contacts syncing for efficient & simpler contacts management
- Architected & led the KaiOS efforts of PhonePe, based on React.js

Senior Software Engineer II, Mobile

upGrad Education

📅 Dec 2016 – Aug 2019

📍 Mumbai, India

- Developed key features such as offline downloads, video playback, quiz & education assistant
- Created & integrated React Native application with native code using Cocoapods & Gradle for iOS & Android respectively
- Setup & maintained CI/CD server using Jenkins pipeline & Fastlane
- Standardized analytics events & wrote scripts for error-free logging
- Developed iOS application from scratch using VIPER architecture & Swinject DI framework

Full Stack Developer

Routofy

📅 Jan 2016 – Nov 2016

📍 New Delhi, India

- Developed iOS application from scratch using MVC architecture
- Developed company's corporate travel system including approval chain for employees
- Enhanced & maintained company's website based on Angular & Java (Dropwizard and Play frameworks)
- Worked and improved upon data scrapping tool based on python

Mobile Developer

iFlyLabs

📅 Mar 2015 – Jan 2016

📍 New Delhi, India

- Developed SDKs for both iOS as well as Android for B2B & B2C
- Developed full-fledged applications for iOS & Android using the SDKs

SKILLS

iOS Swift Git Linux Kotlin Kotlin/Native
Flutter Python Android Java JavaScript

PROJECTS

PPKNUmbrella

Generic Kotlin/Native framework

- A generic framework with components that one can use to build applications using K/N technology
- Developed tooling for building a fat framework using Gradle and integrating it via Cocoapods
- Researched on and created guidelines for writing K/N code for different use-cases

UGReactNative

React Native integration with native

- Developed React Native application & integrated it with native iOS & Android code as library
- Used Cocoapods & Gradle to create generic Pod & AAR
- Wrote a fat-aar gradle file to create AAR file

UGFlutter

Flutter integration with native

- Developing Flutter application & integrated it with native iOS & Android code as library using same techniques as used with UGReactNative
- Developed Cocoapods plugin to use Flutter repository's podhelper file & added it as pre-install hook enabling integration of Flutter project without polluting main Podfile

EDUCATION

Master of Science, Computer Science

Georgia Institute of Technology

📅 2019 - 2021

🏆 GPA - 4.0/4.0

Bachelor of Engineering (Hons.), Electrical & Electronics

BITS - Pilani

📅 2010 – 2014