Varun Barad

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Overview

Innovative Android developer with 2+ years of experience in architecting, developing and deploying Android applications. Recognized for exceptional auto-didactic nature and problem solving abilities.

Skills & Abilities

- Built and contributed to **7 published apps & 2 apps under alpha channel** on the Play Store (3 of those published apps have been taken down by the owners). Worked on many other apps from their **design to device** phases.
- Key concepts encountered: REST API, JSON, Architecture Components, Realm, RxJava, AdMob, Analytics, Crashlytics, Firebase etc.
- Setup an Internet accessible instance of Apache and Tomcat on laptop from home network.
- Worked with **MySQL** and **MongoDB** in pet projects.
- Mentored a budding developer while we built a companion application for an event.
- Comfortable in using **Git** as a **Version Control System**.

Experience

Android Developer - Remote | Deliverr | 05/2018 – 05/2019

- Working in a team of 2 Android developers. Building 3 apps, two for customers and 1 for internal management.
- Integrated social-login and live order-update via Firebase to improve customer ease and experience
- Handled the complete Android development workload of the company for 2 months while my senior was on a vacation
- Handled a redesign of the whole app to allow item-customisation and improve user-experience
- Deliverr on Play Store

Android Developer | Crawded Technologies Pvt. Ltd. | 01/2015 – 06/2015

- Played a **pivotal role** in development of the **first versions** of Android application for their SchoolWeb and Crawded platforms.

Android Developer | Udaan Dev Team | 2015 – 2017 | Voluntary

- Created companion Android application for Udaan (our college's tech-fest) for 3 years by working alongside a team of 8 other pears to work through the design to deployment phases
- Mentored a budding Android developer through the phases of designing to publishing to Play Store
- Udaan – 17 on Play Store | Udaan – 16 on Play Store

Projects

· **Pop Movies** – An app which shows a list of popular movies and allows you to set favorite movies to show its details offline. ([GitHub](#))

· **Attendance Tracker** – An app which lets students keep track of their attendance in different classes during the semester. ([GitHub](#) | [Play Store](#))

· **Udaan-17** – Companion app for our college's annual tech-fest. ([GitHub](#) | [Play Store](#))

· **Droid Bakery** – An app which shows recipes along with its videos as fetched from a remote service. I learnt unit and espresso-based integration testing via this project. ([GitHub](#))

· **DPTK Contacts** – A combo of desktop (used to update contact details) and Android application which provides all of their employees and customers with up-to-date contact info of their staff. ([GitHub Desktop](#) | [GitHub Android](#))

· **Digital Joker** – A project which taught me use of Gradle to generate separate free and paid versions of the app. ([GitHub](#))

· **VegGKart** – Android application of an online grocery provider made using existing API. ([GitHub](#))

· **Udaan-16 SMS Web App** – A web-app made during Udaan-16 for event managers to notify participants (only those who qualified) of the details of next round via SMS. ([GitHub](#))

· **Gnome Wallpaper Changer** – A small Kotlin program for Gnome DE which selects a random photo from a folder and sets it as desktop background. ([GitHub](#))

· **Git Single File Backup** – A python script which bundles an existing git repository from your machine into a single zip file including even your stashed changes(they are not included in default bundle). ([Article](#) | [Code](#))

Some of my best articles (link to my blog)

· Critical mistakes to avoid in Android development ([link](#))

· Hiding API keys from your Android repository ([link](#))

· Show/Hide Layout bounds in Android ([link](#))

· Creating single-file backup of Git repositories ([link](#))

Open Source Contributions

· **AntennaPod** – Contributed a splash-screen to their Android app for podcasts.

  · [GitHub](#) | [Play Store](#) | [My pull request](#)

· **TornadoFX** – Contributed an extension function to match an ObservableValue<String> against a Regular Expression.

  · [GitHub](#) | [My pull request](#)

Education

· Responsive Web Design | 09/2018 | freeCodeCamp ([Certificate](#))

· JavaScript Algorithms and Data Structures | 09/2018 | freeCodeCamp ([Certificate](#))

· Android Developer Nanodegree | 01/2018 | Udacity ([Certificate](#))

· Bachelor of Engineering | 07/2013 - 05/2017 | Birla Vishvakarma Mahavidyalaya