**Summary:**

* Result-driven IT Professional with extensive experience in Android Mobile Development focuses on Design, Development, Testing and Deployment of Android Applications for Smartphones & Tablets.
* Solid understanding of the full mobile development life cycle with a hands-on expertise with a wide variety of device resolutions (screen sizes) and SDK versions.
* Good knowledge of development for multiple devices, screen sizes and orientations, with varying capabilities and features
* Strong working experience in integrating the application with SOAP, RESTful APIs/Web Services to fetch data from the back-end server and parsing the XML, and JSON response.
* Solid knowledge of Material Design to create beautiful and intuitive touch user interface.
* Proficient in using Android third-party libraries like Google GSON, Firebase, Volley, Picasso, Butterknife, OkHttp, Glide, ZXing etc.
* Good exposure with Android Application Components like Activities, Intents, Services, Broadcast Receivers, Content Resolvers.
* In-depth exposure with Android UI components like constraint layout, coordinator layout, webp and vector SVG images, Recycler Views, Card View, Animations etc.
* Experience in developing applications using Android framework APIs like Location, Camera, Animations, Maps, Speech API, Android Telephony, Bluetooth, sensors such as gyroscopes and accelerometers, and integrating applications with Social Networking sites such as Facebook and Twitter.
* Familiarity with agile/iterative development methodologies (XP, SCRUM, etc.), TDD, CI, GitFlow
* Excellent programming skills in object-oriented concepts such as Encapsulation, Abstraction, Inheritance, and Polymorphism.
* Familiar with Data Structures and Algorithms, Multithreading, Collections, Exception Handling.
* Utilized Bluetooth Low Energy capabilities to transfer information through different services, characteristics, and profiles
* Experience using different mobile APIs for Android platforms such as: SQLite, Google Maps, Facebook SDK, DropBox SDK, Twitter SDK, Accelerometer, Camera, Location Services, Local Storage, Animations, Audio sensor to name a few.
* Expertise in working with Google Maps API, firebase messaging, GPS location Data and Push notification and familiar with Android Multimedia Framework.
* Experience using version control software such as, GitLab& BitBucket for effective code maintenance, tracking and logging.
* Excellent Experience in developing advanced mobile-based applications design and development using Android Studio.
* Knowledge of Java tuning and memory management specific to mobile and tablet devices
* Highly capable in handling multiple tasks, prioritizing, and meeting deadlines. Quick learner, excellent analytical, design and problem solving skills, leadership, analysis, communication and interpersonal skills.

**Technical Competencies:**

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| --- | --- |
| **Android OS** | Android 4.1 to Android 11.0 (Jellybean, Kit Kat, Lollipop, Marshmallow, Nougat, Oreo, Pie) |
| **Android Tools/Libraries** | RxJava, RxAndroid, Dagger 2, Android Volley, Retrofit, Gson, Picasso, Camara API, Google Analytics, GPS, Card.io, Gradle, JSON, XML, Google Maps V2.0 API |
| **Languages** | Java, Kotlin, SQL |
| **Web Services** | RESTful API JSON, XML |
| **IDE’s** | Android Studio, XCode |
| **Version Control Tools** | GitHub, GitLab, CVS, SourceTree, Bitbucket |
| **Databases** | Room, Realm, Firebase |
| **Testing Tools & Frameworks** | Junit, Android instrumentation, Mockito, Espresso, UI Automator, Robotium, Appium |
| **Bug Tracker Tools** | JIRA, rally  |
| **Operating Systems** | Android, Windows, Linux, Unix, Mac |

**PROFESSIONAL EXPERIENCE:**

**Company: Ford Motor Company, Detroit, MI Jan 2020 – Till Date**

**Role: Android Developer**

**App URL:** [**https://play.google.com/store/apps/details?id=com.ford.fordpass&hl=en\_US&gl=US**](https://play.google.com/store/apps/details?id=com.ford.fordpass&hl=en_US&gl=US)

**Project Description:**

FordPass Connect (optional on select vehicles), the FordPass App and complimentary Connected Service are required for remote features (see FordPass Terms for details). Connected service and features depend on compatible AT&T network availability. Evolving technology/cellular networks/vehicle capability may limit functionality and prevent operation of connected features. Connected service excludes Wi-Fi hotspot.

**Responsibilities and main activities:**

* Participated in the entire (SDLC) life cycle of the project right from the designing the project to implementation.
* Working in an Agile environment following Extreme Programming and Test-Driven Development and
worked with design teams reviewing the wireframes
* Collaborated with product managers and communicated with the globally exposed team
* Developing new features using Kotlin.
* Handled RESTful service requests by creating network data layer for the apps using Retrofit and OkHTTP3 and Rx Java to handle Asynchronous Calls on the app.
* Used Coroutines with okhttp to make network calls.
* Implement parts of the app in native code using NDK toolset.
* Make code base integrations using Dagger to resolve complex dependencies Optimizing the bytecode obfuscates classes using Proguard for code Shrink
* Used Robolectric, Junit Mockito, and Espresso for unit testing and instrumentation testing.
* Used GitHub as a Source Code Management tool.
* Improve app-wide performance and efficiency to accommodate change requests
* Used MVVM architecture using android data binding
* Included Dynatrace Library for error and crash reporting

**Used tools:** Android SDK, Android Studio, Android Framework, GitLab, Jira, SQLite, Android API’s, JDK, XML, JSON, MVP, UI, Glide, Java, Kotlin

**Company: Ernst & Young, Charlotte, NC Sep 2018 – Dec 2019**

**Role: Android developer**

**App URL:** [**https://play.google.com/store/apps/details?id=com.ey.taxchat&hl=en\_US&gl=US**](https://play.google.com/store/apps/details?id=com.ey.taxchat&hl=en_US&gl=US)

**Project Description:**

Stop struggling to understand software forms or guesswork about which tax laws apply to you. Try the award-winning, on-demand tax preparation service, EY TaxChat. It offers licensed tax professionals who prepare and file your individual federal and state returns through the app. An EY tax professional can handle your tax returns for you at a competitive price. Tax return preparation and filing begins at $199 for your federal and one state return.

**Responsibilities and main activities:**

* Developed Marketplace app from scratch taking advantage of RxJava, glide, Material design implementation.
* We followed a lean-agile Kanban process with Bi-weekly retro and daily standups.
* Used Volley for all network communication and GSON for parsing consumed services.
* Implemented peer to peer messaging communication by taking advantage of Send Bird service and Firebase.
* Took most leverage of google native libraries like Data Binding, Volley, and Firebase.
* Worked in pod structure (need to work Collaboratively with testers design and product.
* Implemented Firebase and Omniture for Analytics tracking and familiar with Apptimize for beta testing of app features.
* Used Espresso and JUnit for writing unit test cases.
* JIRA bug tracking tool was used for task assigning and bug reporting with Bitbucket for version control.
* Utilized Couchbase-lite mobile database to sync data real time across multiple devices
* Collaborate with the UX team to help come up with new designs for the next iteration of our app
* Involved in weekly discussions that drive the next phase of product features
* Implemented Google Analytics and Google Ad mob and support libraries for backward compatibility.
* Making the Restful Service Calls using Google’s Volley Library at the various stages in the app development cycle and parsing the responses back from the web servers according to the application requirement.

**Used tools:** Android SDK, Android Studio, Android Framework, GitLab, Jira, SQLite, Android API’s, JDK, XML, JSON, MVP, UI, Glide.

**Company: Uber Technologies INC, Boston, MA Aug 2017 – Sep2018**

**Role: Android Developer**

**APP URL:** [**https://play.google.com/store/apps/details?id=com.ubercab.eats**](https://play.google.com/store/apps/details?id=com.ubercab.eats)

**Project Description:** Get the food you want, from the restaurants you love, delivered at Uber speed. Food you want: We’re working with over a hundred restaurants in your city to put great local food all in one place. If you’re craving it, you can find it on UberEATS. Speed you need: By tapping into the Uber network, you can get anything from our roster of local restaurants, fast.

**Responsibilities and main activities:**

* Designed and tested in emulation for multiple Android OS versions and user interfaces, as well as hardware scenarios, which would handle multiple cameras and different field and lighting.
* File manager management to select and attach
* Involved in requirement gathering & analysis, documentation and designing of the architecture for KICKSUSA with Team Lead and Project Manager.
* Designed and developed the User Interface using material design guidelines and Login system via PHP and MySQL server. Also implemented login via Facebook and Google plus.
* Implemented Volley Library and JSON parsing to load data from Restful web service and displayed the products and category list on the Recycler View using Card View.
* Upgraded application layout to support Nougat -7.0
* Developed push notifications via FCM for updating new offers and discount on products and PayPal for checkout. Having considerable experience in debugging and profiling of the KICKSUSA App.
* Shared preference and Sqlite was used for data storage purpose locally and implemented security like SSL, Proguard and Android permissions.
* Followed Agile Methodology in product development, Jira tool for project planning, task breakdown, assigning and bug reporting. Used GitHub for version control and Jenkins for continuous integration.
* Used Butter knife to find and automatically cast views in Layouts.
* Responsible to implement logging framework for tracking business and developer needs which will log into Splunk and omniture.
* Involved in Restful Web service with JSON
* Tested the application on various Android devices

**Used tools:** Android Studio, Android SDK, SQLite, Android API’s, RESTFUL Web service, JDK 1.6, XML, JSON, Log Cat, ADT Plug-in, Bitbucket Retrofit.

**Company: KicksUSA Inc, Boston MA** **May 2016 – Aug 2017**

**Role: Android Developer**

**App URL:** [**https://play.google.com/store/apps/details?id=com.shopgate.android.app22760&hl=en**](https://play.google.com/store/apps/details?id=com.shopgate.android.app22760&hl=en)

**Project Description:** The KicksUSA app makes your online shopping experience quick, easy and hassle free. Keeping you up-to-date with the most current urban lifestyle content and the latest sneaker releases, the KicksUSA app will provide customers a faster way to see their most recent orders, order history, and tracking information.

**Responsibilities and main activities:**

* Designed and Developed an Android Mobile Food ordering system and participated in the full lifecycle development process from product definition. Also contribute to a team of engineers in cross-functional teams such as testing, UI designing and management.
* Used Google maps and Google API’s to display the current address and the delivery address of the customer and used Loaders and AsyncTaskLoaders to perform the data loading in the User Interface.
* Developed Android data communication using JSON syntax over a REST interface. Implemented security & versioning features with Google Cloud Messaging for data notification. Used DDMS, logcat and Junit testing and debugging the App.
* Client Server Communication using REST API, JSON parsing to retrieve data from database using GSON.
* Utilized SQLite for data persistence and Shared Preferences to preserve the app configuration settings and built the application to support multiple screens, mobile phones, and tablets.

**Used tools:** Android Studio, Android SDK, SQLite, Android API’s, RESTFUL Web service, JDK 1.6, XML, JSON, Log Cat, ADT Plug-in, Bitbucket Retrofit.

**Company: PB systems, Hyd, India Jan 2014 – May 2015**

**Role: Jr. Android Analyst Programmer**

**APP URL:** [**https://play.google.com/store/apps/details?id=com.practo.fabric&hl=en**](https://play.google.com/store/apps/details?id=com.practo.fabric&hl=en)

**Project Description:** Practo is a healthcare app, which helps you find doctors, clinics, spas, gyms or diagnostic labs and book instant appointments with them. Apart from these, you can ask free health questions to doctors on Practo Consult, customize your Practo Health Feed or order medicines online. This App will let you search for a doctor based on area, availability, symptoms or specific treatments and also lets you look up the details of doctors before booking an appointment. Order medicines, read exclusive health tips and articles, get remainders and notifications of all upcoming appointments through this app.

 **Responsibilities and main activities:**

* Implement Home screen widget to provide quick access to refer contact options.
* Developed a customize medicine reminder using the alarm manager that reminds (read’s out) of the medicine to be taken using Text to Speech Engine.
* Interacted with the UI developers to build rich and friendly user interface following some best design practices.
* Designed a customize calendar to book appointments and Asynctask and loaders and Restful Web services for JSON response and parsing them to get the doctors information.
* Worked closely with the web application development team to ensure proper integration between mobile application and web application. Tested the application to support various Android devices.
* Used Jira bug tracking tool for quality control and to view and resolve pending tickets. Wrote technical specifications and maintained all reports pertaining to application development process.

**Used tools:** Android Studio, Android SDK, SQLite, Android API’s, RESTFUL Web service, JDK 1.6, XML, JSON, Log Cat, ADT Plug-in, Bitbucket Retrofit.