**SRIDEVI**

**Senior Android Developer**

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**PROFESSIONAL SUMMARY:**

* 6+ years of total IT experience in designing and developing high-end Enterprise level **Mobile** and **Web Applications**.
* Developed and architected multiple Android applications across versions.
* Implementing native libraries in application by using **Android SDK, Android Studio and Android NDK.**
* Experience in all the phases of **Software development life cycle (SDLC)** process and exposed to various methodologies like Waterfall, Agile etc.
* Extensive experience in using **Java** and **XML** in developing Android applications using Android Studio/ Eclipse with ADT plugin.
* Hands on experience in single - activity/multi-activity Android application development following Android's UI Guidelines, best practices and coding standards.
* Extensively work with setting up your SDK environment to deploy **Cordova apps**.
* Extensively worked on various design patterns like **Singleton, MVC, and MVVM** in various projects.
* Extensively working with material design like List and card’s view, Shadows Animations and various drawable resource.
* Responsible for design and development of various components such as **tab bars, map view, image picker, document picker, push notifications, sign in/out features, profile management** and **navigation** using react native.
* Developed custom integrations between **Devops** server tools like enterprise Java, Spring framework plugins.
* Expertise in developing automation scripts in BDD format using cucumber.
* Replace **RxJava** implementation with **Kotlin coroutines** and dispatchers to make asynchronous Network requests, JSON parsing, reading or writing from a database.
* Experience developing mobile applications with advanced user interfaces using **XML** **layouts, animations, notifications** and **user interaction.**
* Hands on experience in designing backend database for data storage and retrieval using **SQLite**.
* Experience working with libraries such as **RxJava, Dagger, GSON, Adobe, Glide, Firebase, Espresso, and Retrofit, RxAndroid**.
* Extensive knowledge on **Dagger** for dependency injection in applications development.
* Experience working on Robolectric testing framework and knowledge on using Espresso and Appium for UI testing.
* Deep experience in Source Code Management using tools like **Git**, which is an Open Source Version Control/ Source Control System.
* Good Experience in **React JS** for creating interactive UI's using one way data flow, Virtual DOM, JSX, React Native concepts.
* Experience of **BDD** and **TDD**. App signing, UI development, **HTTP, JSON, XML, SSL security, sockets, Wi-Fi**, Material Design principles Agile development using **JIRA.**
* Good hands-on experience with Android Studio and debugging tools like **ADB/DDMS/LogCat.**
* Ability to develop rapid prototypes using **agile development techniques**.
* Designed GUI and interfaces with services for mobile applications, Asynchronous Programming in Android (such as Threads, Async Tasks and Services).
* Have an expert skill in Debugging to track the issues and Junit to create and check test cases.
* Extensive knowledge on Android Market Place (Google Play) such as create a publisher account, Android In-App Purchase concept, release free & paid Mobile App into marketplace.
* Experience in using **Fragments, Activity workflow, Action Bar Navigation, Menu designs and view controls, and Loaders.**
* Knowledge on **iOS development** in developing iPhone and iPad apps using Objective C, **Swift with XCode.**
* Working experience in consuming RESTful web services to fetch data for mobile front end and parsing the **XML and JSON** response using different parsers.
* Experience in making efficient use of version control management and bug reporting tools like **Tortoise SVN, GIT, TFS, Bitbucket** and error tracking tools such as **Jira** etc.
* Good programming skills and hands on experience in Object Oriented Programming (**OOP**) and Java related concepts.

**TECHNICAL SKILLS:**

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| --- | --- |
| **Programming Languages** | C, C++, Java, Java Script, Kotlin |
| **Tools** | Eclipse IDE, JUNIT, Android Studio IDE, IntelliJ |
| **Version Control** | SVM, GitHub, Bitbucket |
| **RDBMS** | SQLite, Realm, SQL |
| **Operating System** | Mac OS X, Windows 7, Windows 8, Windows 10, Android |
| **Web services** | SOAP, WSDL, RESTful, XML |

**WORK EXPERIENCE:**

**Client: US Bank**

**Sep 2022 - Present**

**Role: Sr Android Developer**

**Responsibilities:**

* Responsible for all phases of software development life cycle including design, development, and testing (**SDLC**).
* Developed and maintained **Kotlin based Android applications**, following best practices and design patterns.
* Worked with UI designers to identify the overall flow of application which included various **layouts, Tab bars** and **custom list views** holding the entire application together.
* Optimize memory load and develop modular code to make quick changes with **agile flow.**
* Building publicly available applications from the early stages to the final launch using automated tooling like **Jenkins, Gradle CLI** and **Fastlane**.
* Designed and developed flexible user interfaces to meet the challenges of **different devices, screen sizes, resolutions** and **screen densities**.
* Used **RESTful API** and **JSON** to communicate with server developed and update the result in User Interface.
* Worked in Agile Behavior Driven Development (**BDD**) model.
* Implemented **web views, list views & populated lists** from database using **simple adapters**.
* Worked on **user logins** by using shared preferences and SQLite database.
* Worked with **Jenkins CI** server for continuous integration and followed Test-Driven Development (**TDD**) methods.
* Developed Android Enterprise applications for mobile devices using Eclipse, Android SDK, Android Studio and ADT development tools.
* Implemented **Dagger** Tool for Dependency Injection in the project, reducing tight coupling between components and promoting a more modular and maintainable codebase.
* Utilized **JUnit, Mockito and Espresso** frameworks to write automated tests that validate the functionality, reliability, and performance of the application.
* Implemented Kotlin with Android content providers for implementing features like sending **E-mails and SMS** from the application and designed suitable GUI for these applications.
* Incorporated Jetpack Android architectural components including **LiveData, ViewModel** and **MVVM architecture** to enhance the application manageability, responsiveness and maintainability.
* Strong experience with **Google Framework Android Framework APIs** such as Google Maps, Camera, Resource Manager, Fragments, Notification Manager, Content Providers, REST APIs.
* Working with external libraries for low level integration and interfacing with manufacturer API’s.
* Used various layouts including **Relative Layout, Linear Layout, Table Layout**.
* Worked with REST API Web services and mostly used **JSON** web service calls to interact with the server downloading and uploading contents seamlessly.
* Exposure to version control systems such as **GitHub** and **Bitbucket.**
* Consumed multiple web services using **JSON and XML** data format, which includes parsing and database storage.
* Utilized the **Adobe SDK** for mobile analytics and crash reporting in the application to monitor and report any potential crashes or issues.
* Conducted code reviews and provided constructive feedback to team members, ensuring code quality and adherence to coding standards.
* Collaborated with QA engineers to ensure comprehensive test coverage and **bug-free releases**.
* Followed **agile methodologies** for implementing the project successfully.

**Environment:** Windows 7/8, Dagger, Espresso, JUnit, Eclipse, Android SDK, Mockito, ADT, RESTful API’s, JSON, TDD, XML Schema, Android Studio, GitHub, HTML, Bitbucket**,** Gradle CLI, Fastlane, Jira, Jenkins.

**Client: Capital One**

**Jan 2022 - Aug 2022**

**Role: Android Developer**

**Responsibilities:**

* Worked with **Android Studio** and the latest **Android SDK** in developing an enterprise level mobile application.
* Developed the Android Applications in both Java and Kotlin using Android Studio.
* Contributed to full **Software development life cycle** process from product definition through design, development, test, release, and maintenance.
* Creating various **custom views** for the application using standard **Android components, database, services** and **various UI widget types.**
* Worked with the **ML kit library** for barcode scanning.
* Collaborate with UX team in creating better UX Android widgets (phones & tablets).
* Implemented **TDD** and develop the test design for the project before it was coded.
* Implemented **MVP architecture** for developing the application.
* Developed activities, UI layers natively and customized as per the client request.
* Designed **Custom Dialog, Custom Action bar, Custom Progress bar** using fragment activity.
* Created test cases and test data for testing the application using **Mockito** for client-side validation and **Espresso** for UI testing.
* Implemented **OKTA SDK** for security login into the application.
* Worked closely with another mobile application developer, leading the other platform development.
* Designed and developed network frameworks to consume **RESTful APIs** using **Retrofit** to fetch user profile and daily transaction details.
* Utilized AWS tools such as **Jenkins** for Continuous Integration (CI) and **SonarQube** for code quality checks.
* Worked with **JSON** and used external libraries like **GSON** parsers for data parsing.
* Worked with **Volley** for consuming RESTful Web services.
* Knowledgeable with test driven development (**TDD**) and behavior driven development (**BDD**) and debugging.
* Implemented **Firebase** in the application for push notification service.
* Used extensive libraries to download PDF using **API** and display inside the application.
* Used encryption and decryption mechanism to save and view sensitive data from invoice.
* Worked along with iOS developer to maintain stability across both the apps design and functionality.
* And involved in **IOS application** build performance and functional tests using **Xcode**.
* Tested the application across different versions of Android to assure quality and performance.
* Used different transformations for extraction, cleansing & loading data to staging areas.
* Used **Rally** for tracking the issues and resolving them and **Bitbucket** as source code management.
* Participated in the production support and maintenance of the project.
* Followed Agile methodologies using tools like **Jira, Confluence** and **Git** for project management and collaboration.
* Used Scrum Agile methodology that included **iterative application development, weekly Sprints, stand up meetings** and **customer reporting backlogs**.

**Environment:** Android Studio 3.3, ML kit, TDD, BDD OKTA SDK, Retrofit, MVP, GSON, Volley, Mockito, Espresso, SonarQube, JSON, Rally, RESTful, Bitbucket, Jenkins.

**Client: Visam Technologies**

**Jun 2019 - Dec 2021**

**Role: Android Developer**

**Responsibilities:**

* Involved in design of user interface using various **custom layouts, buttons, dialog boxes, alert boxes** and **different form of widgets**.
* Design new features and perform migration from Java into Kotlin language with coroutines, multiplatform support, extension functions and null safety checks.
* Experience writing applications from scratch in Kotlin with Android studio.
* Implemented **MVP** pattern to design UI layouts and widgets, and responsible for maintaining the code.
* Implemented third-party libraries like **OkHttp3** and **Retrofit** to establish client-server communication and integrated reactive programming with **RxJava2** to fetch and process data off the main thread.
* Designed and implemented a clean and intuitive UI with animations and custom views.
* Integrated different staff logins with session security and authorization facility to access all data with **relational databases SQLite.**
* Implemented **Kotlin** with Android content providers for implementing features like sending **E-mails and SMS** from the application and designed suitable GUI for these applications.
* Used **Android services** to deal with Bluetooth communication.
* Implemented SQLite database and Shared Preferences in application data management.
* Used SQLite for caching data received from RESTful web services and implemented offline caching in case of network or Wi-Fi issues.
* Utilized **GitLab**, a web-based GIT repository manager with issue-tracking features, for version control and collaboration.
* Implemented a customized web view component to load **SWF files** and **HTML data**.
* Application has a facility of exporting all the reports of business of the day into Microsoft excel and Microsoft Word from **JSON** which stored and updated using **AJAX calls (GET, POST)**.
* Implemented front - end application activity design using **XAML**.
* Worked on debugging the application using Log cat.
* Responsible for validating controls and fixing bugs.
* Conducted unit testing using **Junit and UI testing** using **Espresso** to ensure the reliability and accuracy of data.
* Inserted suitable code to capture the various button and text field events and implemented the desired action for each of the widgets.
* Used **JIRA** for issue tracking and Confluence for create and share documentation.

**Environment:** Java, Android SDK, Gitlab, Eclipse IDE, XML, SQLite, HTML5, CSS3, Bootstrap, JSON, AJAX (GET, POST), OkHttp3, Retrofit, RxJava2, Espresso

**Client: Levant Solutions**

**Jun 2017 - May 2019**

**Role: Jr Android Developer**

**Responsibilities:**

* Responsible for gathering details of project requirements and outlining.
* Responsible for design and modification of application layout.
* Worked on UI implementation and control, including the implementation of Fragments and Activities.
* Used **Android Debug Bridge AD** extensively throughout to debug UI and app logic.
* Implemented **UI drag** and **drop feature**.
* Designed and developed **user login screens**, as well as **context menus**, employing Android’s menu navigation, tabbed navigation and Action bar control. This approach aimed to create a seamless and user-friendly interface for enhanced user experience.
* Implemented Flat UI designing using Gradle integration in **Eclipse IDE**.
* Created UI that controls toggling features of Android like Bluetooth, WIFI, Data.
* Utilized **SQLite DB** for storage of raw queries.
* Made RESTFUL Service Calls at various stages in the application development cycle and parsed responses back from web servers based on the application requirements.
* Implemented voice response for handicap assistance.
* Worked with the **SQLite Database** to store the created program. User data, variables, layouts, and details of UI elements are being stored in SQLite database.
* Utilized Shared Preferences to store and maintain user information.
* Designed user session management with Persistent Cookie Store parsing **JSON** response.
* Designed and created customize Dialogs.
* Applied styles in application to make, look and feel Homogeneous.
* Developed unit tests using **Junit** and **Mockito** to test the mobile code, while also debugging critical crashes, memory leaks and concurrency issues to ensure stability and reliability.
* Debugging the crashes and finding root cause at framework layer.
* Implemented the functionality to upload files by sending encoded string from image files by **POST method**.
* Implemented the functionality to attach files by accessing camera and selecting image from SD card storage.

**Environment:** Eclipse IDE, HTTP, JSON, SQLite Database, Android SDK, Android Debug Bridge ADB, Bluetooth API, Media API, Android Notifications.

**EDUCATION:**

**Masters in Applied Computer Science GPA: 3.8** **2022-2023**Northwest Missouri State University Missouri, MO

**Bachelors in Computer Science GPA: 3.9**

**2014-2018**GITAM University, India