**MEENAKSHI**

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**SUMMARY**

* Around 6 years of experience in Mobile and Web application development with **Java** and **Kotlin**.
* Experience in **designing, implementing, integrating, testing** and **supporting** impactful applications developed in diverse, collaborative environments for **mobile** and **tablet devices** on the **Android platform**.
* Experienced in working with **Kotlin** Language.
* Solid experience in building mobile applications using **Android frameworks**.
* Experience in Android development creating tablet and phone interfaces and usage of SDK versions **4.0 to 10.0.**
* Experience in Web development using **HTML5, CSS3, JavaScript, JSON and XML**.
* Experience in Java development using JSF, JSP, MVC, and JDBC. Developed Web Services and inter process communication applications **using Java SOAP Framework, JSON and REST API’s**.
* **Worked with Activities, Fragments, Android Binding, Android Framework, AsyncTask, Intent Services, Broadcast Receiver, MediaPlayer, SoundPool, Location Manager, Push Notification and Adapters.**
* Extensive knowledge in designing front end applications, accessing **SQL** database, application layer protocols, and XML.
* Experience in configuring custom **ROMs, as AOSP** project.
* Highly experienced in executing **unit** and **sanity test cases** for the multimedia component.
* Used SQLlite to insert, delete and update the android database.
* Experience in **Architecture Design, Development and Implementation, Troubleshooting and Debugging, Testing of Software Applications**.
* Experience with **MVC, MVP, MVVM, VP** Design Patterns.
* Developed applications from scratch and experience publishing them to the store.
* Experience with source code control management like **subversion (SVN) and GIT**.
* Provided online website integration through **REST/JSON APIs**. Experience integrating with cloud storage including Dropbox, OneDrive, Google Drive, iCloud.
* Extensively worked on **memory leaks, push notifications, Gradle**.
* Experience with designing and developing web Applications using **Java/J2EE.**
* Experience in architecture design, development and implementation of software applications, TDD (Test Driven Development) test cases and testing.
* Proficient in common Android framework API’s (Location, Camera, Notifications, Maps).
* Implemented **RESTFUL API** calls to communicate with server using **RactiveX, REST API, Volley, Retrofit, Picasso SDKs- Google Analytics, Flurry and** worked on different **SDKs**

**TECHNICAL SKILLS**

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| --- | --- |
| **Languages** | C, C++, Java, Visual Basic, JavaScript, PL/SQL, XML. |
| **IDE** | Eclipse, IntelliJ, Android studio, NetBeans, Visual studio. |
| **Tools** | Fiddler, ADB (Android), Gradle, ANT, Wireshark, ADT, Systrace, Trace View, Logcat, Ole Viewer, Charles |
| **Database Technologies** | Oracle 10g, SQL, PL/SQL, SQLite |
| **Internet Technologies** | HTML, XML, CSS, DOM, DHTML |
| **Java Technologies** | Web Services (JSON and SOAP), Hibernate, Spring, Threads, Generics, Collections API, TCP/IP sockets, Apache Maven, RMI, JDBC, JNDI. |
| **Software Packages** | MS Office 2010, MS Visio, MS Front Page. |
| **Source Control** | Sub-Version (SVN), Clear Case, CVS/PVS and VSS (Visual Source Safe) |
| **Web-service Framework** | Apache Axis, SOAP, WSDL, REST, JAX-RS, JAX-WS |
| **Knowledge Base** | Test Driven Development, OOP, Agile development and testing, Scrum Master, Unit Testing |

**EDUCATION**

* Bachelor of Technology in Computer Science, JNTU, India.
* Master’s on Computer Science, Chicago State University, IL.

**PROFESSIONAL EXPERIENCE**

**Client: Blue Shield of California Apr 2019 – Till Date**

**Role: Sr. Android Developer**

**Description:** The app allows users to manage their Blue Shield Insurance on the go. Blue Shield of California’s mobile app offers anytime, anywhere access to key health plan information.

**App Link:** [**https://play.google.com/store/apps/details?id=com.blueshieldca.prod&hl=en**](https://play.google.com/store/apps/details?id=com.blueshieldca.prod&hl=en)

**Responsibilities:**

* Passionate about programming, specifically with interest in using **Java** and **Kotlin**
* Learnt new OOP language called **Kotlin** on the fly and successfully migrated parts of the project to **Kotlin**.
* Experienced in **coding, testing, debugging, documenting, deploying, monitoring** and **supporting** across the development of **mobile** and **web applications** for **Android**.
* Worked with **Google Maps API** and **Google Places API** for locating where the transit is and where the other places are where the user wanted to go.
* Solid understanding of **API design**, particularly principles of **REST** in highly scalable environments.
* Documented the requirements and thereby analyzed and involved in **design, code**.
* Involved in **code reviews, daily scrum, bi-weekly sprint meeting**.
* Fixed **bugs** with code, design patterns and miscellaneous occurrences during projects.
* Responsible for the design, build, deployment, debug & maintenance of Android applications for Google play.
* Extensively utilized fragments and dynamically generated lists using **custom adapters from APIs**.
* Used **Picasso library** for smooth loading of images.
* **Consumed REST Web Services** and parsed the **JSON** data using the third-party library **GSON.**
* Managed data using **SQLite, SQL** Helpers as well as Raw Queries to do database management.
* Modified Android manifest XML file to include all use permissions such **as GPS, SMS READ /SEND / RECEIVE**.
* Built compatibility with Android version **4.0 to 10.0** (API 29) to latest version.
* Aided with all user input and touch screen services.
* Responsible for design of user interface using **various custom layouts, buttons, dialog boxes, alert boxes and different form of widgets.**
* Inserted suitable code to capture the various **button** and **text field** events and implemented the desired action for each of widgets.
* Tested the application on multiple android targets and debugged the issues that were found.
* Integrated location-based services using **Google Maps API** to display locations of the nearest Outage.
* Used **Async adapters** to load changed data from server and to send modified data to server from app.
* Tracked issues using **JIRA**, updated status on the tasks using the common platform Base camp.
* Used **Source Tree** for version control and Rally for sprint tracking.
* Subscribed to observables using **Rx Java** in **retrofit**.
* Performed Unit Testing and interacted with QA for testing.
* Injected shared Preference using **dagger**.

**Environment:** REST Web Services, JSON, XML, Gradle, JUNIT, Java, SQLite, JSP, Android SDK, Kotlin, Eclipse ADT, GitHub, JIRA, Picasso, SQLite, Python, Source Tree, Mockito, Espresso, Pro Guard, React Native.

**Client: Express Scripts – St. Louis, MO Dec 2017 – Mar 2019**

**Role: Android developer**

**Description:** Express Scripts is a prescription benefit plan provider that makes the use of prescription drugs safer and more

affordable for our members. Express Scripts handles millions of prescriptions each year through home delivery from the Express Scripts Pharmacy.

**App Link:** [**https://play.google.com/store/apps/details?id=com.medco.medcopharmacy&hl=en**](https://play.google.com/store/apps/details?id=com.medco.medcopharmacy&hl=en)

**Responsibilities:**

* Participated in complete **Software Development Life Cycle** (SDLC) for proper analysis, development of reusable code, testing and enhancement of the code.
* Worked on different key **components** of android like app life- cycles, broadcast receivers, content providers, services.
* Used **Multi**-**threading** to implement parallel processing.
* Contributed to design and implementation of the front-end **UI/UX** with **View Pager** and **Recycler View** animation as well as back-end **Java development.**
* Responsible for consuming the **REST services**, getting **JSON** response and parsing them to get the required information.
* Worked in **Agile** environment and participate in different phases of the project cycle like design and development.
* Used **GPS** **services** to get the exact location.
* Used **Retrofit** to make an Interface to automatically handle the error function, and caching to API.
* Used Android **Framework APIs** such as Google Maps, Camera, Resource Manager, Fragments, Location Manager, and Notification Manager.
* Created various **Android-specific modules**, within the hybrid app, using the Android Java code. Used latest Android API's and built a framework for communication between Android Java code and jQuery code.
* Constructed **http** **requests**, **fetching** server response and parsing feeds wherever required.
* REST web service interaction utilizing **OAUTH** authentication and **JSON**
* Worked closely with another mobile app developer, leading the other platform development.
* Used Android SDK 6.1 (Software Development Kit), Eclipse IDE (Integrated Development Environment), [**Dalvik Debug Monitor Server**](http://developer.android.com/tools/debugging/ddms.html)**, Android Virtual Device, and Android Debug Bridge** for development and debugging tool.
* Involved in the redesign of front end of web-site.
* Used design pattern like **singleton** and **adapter.**
* Used version control **GIT**.
* Used **Scrum** **Agile** **methodology** that included iterative application development, weekly Sprints, stand up meetings and customer reporting backlogs. Actively participated in requirements gathering, analysis, design, and testing phases.
* Involved in **code reviews** with the **development** **team**, provided actionable feedback and discussed findings.

**Environment:** Android SDK, Android API 23, Android Studio 2.5, Java JDK 1.7.x, SQLite, Google Maps API, Custom views, Compound views, Git, RESTful, and JSON.

**Client: Vanguard, Malvern, PA Sep 2015 – Nov 2017**

**Role: Android Developer**

**Description:** The Vanguard Group, Inc. provides investment management and advisory services. The Company offers its services to equity investment and fixed income group, investment pooled vehicles, mutual funds, and separate account institutional clients. The Vanguard Group serves customers worldwide.

**App Link: https://play.google.com/store/apps/details?id=com.vanguard**

**Responsibilities:**

* Worked on the different phases of the **development cycle**. Expanding the existing **design, development of new features, testing and deployment**.
* Design screens using **MVC** pattern for the application with Android Studio.
* Created a **pop-up** **notification** for alerting users.
* Created a local database using **SQLite** to store and retrieve the data.
* Designed the **Custom Action bar, Custom Progress bar** while making service calls.
* Implemented material design concepts like **Recycler View, Card View and Toolbar.**
* Worked on long running operations using **multithreading** concepts like **Async Task, Services** and **threads**.
* Worked on Android **Marshmallow** permissions.
* Worked with **Application Activity Lifecycle callbacks** for providing the security and showing the login screen when the app goes to background.
* Used **shared preferences** to store and retrieve persistent key value pairs across user sessions.
* Implemented the Google Map's using Google Android location-based API to show the nearby ATMs in a specific location.
* Test and error logging on different **versions** and devices of Android, **debugging** them in the very first phase of development. Making app crash proof. And implemented an error reporting system for future development support.
* Experience in **XML** parsing on client side using **JSON,** implemented DOM-based implementation of feed parser.
* Used **GIT** for **branching** and **merging** new features of app and **JIRA** for project management.
* Responsible for adding the update module for checking the latest version of app.
* Used **Agile** and **Scrum methodologies** for project implementation.
* Worked closely with **QA team** with fixing **bugs** and performance issue.

**Environment:** Android Studio, Android SDK, Eclipse, Java, SQLite, XML, HTML.

**SLN Technologies, India Mar 2015 – Aug 2015**

**Java Application Developer**

**Responsibilities:**

* Developed technical specifications for various **back end modules** from business requirements. Specifications are done according to standard specification formats.
* Experience in **EJB**, create new as well as modified the existing as per requirement.
* Developed back end interfaces using **Business Delegates** and **Data Access Objects** (DAO) for interacting with Informix.
* Used **EJB** **QL** for retrieving data.
* Utilized **Java Mail service** to communicate between GEMA and Non GEMA application.
* Responsible for SQL tuning and optimization using **Analyze, Explain Plan, TKPROF utility and optimizer hints**.
* Suggested and converted several existing **UI** for better user interaction.
* Has developed **JSP’s** as part of UI layer.
* Was involved in **unit** **testing** and System testing for new Requirements.
* Involved in communication with Businesspeople for clarification on **Business Requirements**.
* Has developed **test cases** for **business functionalities**.

**Environment:** Java, J2ee, Hp-UX 11i, Web logic 6, MySQL, Windows XP, UNIX.