**Navaneesh**

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**Summary**:

* Having 7+ years of Android application development and 3+ years in Java-based applications.
* Complete Software Development Life Cycle, involved in various aspects of Architecture Design, Development and Implementation, Troubleshooting and Debugging, Testing of Software Applications.
* Experience in designing and development of commercial grade consumer application for Android mobile devices with extensive user interface development.
* Experience in Android UI toolkit (basic/picker/list views, adapters, dialogs, menus) and Layout Managers.
* Proficient in Android application framework: Activities, Intents, Services, and Content Provider. Experienced with Android SDK tools: Debugger (DDMS), Device Manager (AVD).
* Exposure to Service Oriented Architecture (SOA) and integration of Android-based mobile applications with Restful web services.
* Good experience working with technologies such as Xamarin. iOS, Xamarin. Android and Xamarin Cross-Platform applications.
* Experience in working with Object Oriented Architecture and design patterns like Observer, Singleton, and Factory.
* Complete understanding of iPhone/iPad/iPod architecture and various versions of iPhone Software Development Kit (SDK) that includes XCode, UI Kit, Map kit, Web Kit, Instruments, iPhone simulator and Third-Party frameworks.
* Thorough understanding of Cocoa design patterns, MVC architecture and other concepts like Delegation and Protocols. Expertise in creating and customizing Views, Table Views, Tab Bars and Navigation Bars which are some basic functionality in a Multiview Application.
* Proficient in Core Frameworks: Core Data, Core Graphics, Core Location, Core Plot, Map kit, Quartz Core, Address Book, Event Kit, etc.
* Hands-on experience in working with SQLite Database, Google Maps API, MapQuest API, GPS Location In-app billing, Push Notifications, PHP.
* Experience in Enterprise Android applications.
* Experience in Design and Development of Android Applications using Android SDK, Eclipse IDE, Android Studio, SQL, SQLite, Java, XML and JSON.
* Excellent Experience in developing advanced mobile-based applications design and development using Eclipse and Android Studio.
* Experience using version control software such as GitHub & Bitbucket for effective code maintenance, tracking and logging.
* Efficient in using android libraries like Retrofit, Event bus, Butter Knife, Google GSON, OK Http, Picasso, Pro Guard, Glide, Z-Xing, Volley etc.
* Developed UI using jQuery and JavaScript library for web application and mobile applications and extensively developed rich internet applications and various UI widgets using jQuery.
* Worked on large complex existing codebase in latest Android SDK, Android Studio and API's using TDD, MVP and dependency injection design concepts.
* Proficient with Java and Android SDK version 2.3.3 (Gingerbread) ~ 8.0 (Oreo).
* Experience in Android Material Design (Implementing Tabs, Themes, New Colors, Recycler View and card View etc.).
* Experience on different kinds of third-party libraries like Retrofit, GSON and Volley.
* Excellent knowledge ofAngular.js, Ionic Framework and Cordova.
* Good Experience in RESTful API's to integrate mobile applications to server-side systems.
* Experience in developing Hybrid Mobile Applications by using HTML, CSS and JavaScript.
* Expertise in developing Android Enterprise applications for tablets and mobile devices using Eclipse, Android SDK, Android Studio and ADT development tools.
* Good Experience in RESTful API's to integrate mobile applications to server-side systems.
* Proficiency in unit testing with JUnit and performance testing of UI, Appium, Espresso, UI Automator.
* Excellent debugging and problem-solving skills with Eclipse, IntelliJ Idea, Android Studio, Visual studio and RAD.

**TECHNICAL SKILLS:**

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| Languages | Java 8, J2EE |
| Operating Systems | Windows (10/8.1), Ubuntu, Mac |
| Android OS | Android 2.x to Android8.x (Éclair, Froyo, Gingerbread, Honeycomb, Ice cream sandwich, Jellybean, Kit Kat, Lollipop, Marshmallow, Nougat, Oreo). |
| Web Development | JavaScript, HTML5, DHTML, XHTML, CSS, XML, XSLT, XSD, AJAX, GWT, JAX-WS. |
| iOS Technologies | Objective-C, Swift and Cocoa development for iPhone and iPad devices with X Code Interface builder-UI Kit, Cocoa Touch, Core Data |
| Databases | Oracle, MySQL, MSSQL Server. |
| IDE | Eclipse, IntelliJ, NetBeans, IBM Rational Application Developer (RAD) |
| Android Tools | OpenGL-ES, PhoneGap, Apache Cordova, layout design, fragments, multi-threading, NDK sensors, Beacons. OpenGL-ES, layout design, fragments, multi-threading, lifecycle, NDK sensors, multi-touch, profiling NFC, Beacons, Retrofit. |
| Design Patterns | Data Access Objects, object-oriented design, Model View Controller Architecture and Front Controller. |
| Frameworks | Spring (MVC, AOP, ORM, Web Service, DAO, Social, Security, etc.), Hibernate ORM, Bootstrap, Struts, Tiles, DWR (Direct Web Remoting) |
| Reporting Tools | Jasper Reports, BIRT, Crystal Reports. |
| Other Tools | Swing, Agile, RUP, Subversion, Jasper, Reports, J-Mock, Microsoft Visio. |
| Methodologies | SDLC, RUP, Agile (Scrum/Extreme Programming). |
| Testing Frameworks | Application Unit Testing, Android Unit Testing, Robotium, UI Automator, Espresso. |

**Professional Experience**

**Client: Lowe’s, Mooresville, NC Mar 2017 to till date**

**Role: Android Developer**

**Responsibilities**:

* Delivered Functional Requirements document after detailed Requirements gathering sessions with Business.
* Assisted in designing the User Interface (UI/UX) and overall look and feel of the app.
* Implemented Fragments to make the app usable on both Smartphone and tablets.
* Used Picasso to render the images smoothly.
* Developed the app to adapt to different orientations and various resolutions (LDPI/MDPI/HDPI) based on the device.
* Later, transformed intoa native app using Xamarin. Android and Xamarin. IOS when performance was the issue with Xamarin Forms.
* Developed Cross-Platform Mobile app using Xamarin Forms with code sharing between all platforms (Android, iOS, and Universal Windows apps).
* Used Android content providers for implementing features like integrating the customer details into the app and designed suitable GUI for these applications.
* Used Android content providers for implementing features like sending E-mails, SMS, etc., from the app and designed suitable GUI for these applications.
* Regularly followed up with Development Team to discuss discrepancies identified during testing and performance tuning.
* Working experience in designing the iPhone application using Objective-C & Swift 3.0, used the current SDK's with XCode8.3, 9.0 to support the latest version of iOS 10, 11.
* Good exposure in creating the Storyboards, Xib's and developing the custom UI as per the customer requirement, integrating the 3rd party libraries like Apptentive using the Cocoa Pods.
* Excellent knowledge and experience with the XML layouts.
* Used Native Application Development (NDK- C & C++) to develop the app for Android platform based on the replication of tablet code.
* Implemented REST services using Retrofit and GSON over OK-Http services to counteract the latency and network issues.
* Worked on serial data communication over the communication channel.
* Implemented the Android IPC's like Intents, Binders and Broadcast Receivers in the Reader App and on the Audible app and integrated them seamlessly.
* Implemented segmented library to customize the views within the app.
* Worked closely with the build and release team on various platforms like Jenkins, Puppet.
* Used the Linux command-line shell to perform various tasks from one single command interface.
* Used Multi-Threading extensively as the immersion reading needed many tasks to be performed at one time.
* Worked extensively on various Testing platforms like Robotium, Appium, Roboelectric, and Espresso.
* Supported the design, development, testing and implementation of new business and support applications.
* Worked with Cocoa Frameworks, which includes UI-Kit, CarPlay, Watch, Home Kit, Siri Kit, Foundation, UI Image Picker, and UI Date Picker.
* Worked with the Android SDK and implemented Android Bluetooth and Location Connectivity components.
* Used logcat, DDMS and trace view for debugging and detecting memory leaks.
* Implemented unique design for portrait and landscape mode.
* Handling XML data using efficient parsing techniques such as DOM parser.
* Responsible for consuming the REST services, getting JSON response and parsing them to get the required information.
* Integrated APIs / SDKs that provide services for media, phone, navigation, and speech-recognition and Worked on Google APIs such as Firebase, Google Play services, Email Integration API to examine the viability of the app over Google services exclusively.
* Used Dagger and Butter Knife to inject the dependencies for supporting the Android platform and its compatibility with plugins of Kindle reader app.
* Used RX Java as a library for composing asynchronous and event-based programs by using observable sequences.
* Worked on automated UI Acceptance testing using Xamarin Test Cloud.
* Often used project libraries like Android Support Library, Dagger, Butter Knife, Event Bus, View Pager, Rx JAVA, ORM-LITE and another common library.
* Used GIT for project management and version control.
* Performed test cases for the smooth functioning of Immersion reading using both Gradle and ANT build System.
* Good knowledge and implemented interfaces like Java JNI and HAL like issuing requests for captured results to the camera subsystem.

**Environment**: Android SDK, Photoshop, Flash, Visual studio 2015/2017, CS5, JSON, GSON, Rest API, Logcat, Google Maps, XML, HTML 5, GUI, GIT and Windows, Dagger, Retrofit, Rx Java, Appium, Robotium, Robo electric, Espresso, Agile Environment, OK-Http.

**Client: Entergy, Woodlands, TX Apr 2016 to Feb 2017**

**Role: Sr. Android Developer**

**Responsibilities:**

* Worked with Async Tasks in conjunction with broadcast receivers and services to provide certain functionalities such as show urgent SMS messages, emergency calls etc.
* Design and Development of APIs in the SDK layer for various features, functionalities available in the native layer.
* Developed Android application visualizing data from remote sensor transmitted via Bluetooth.
* Inform and support business units in leveraging platform mobile services and building effective mobile learning apps.
* Advanced app design with Async processing, services, SQLite databases, content providers, intents, and notifications.
* Effectively use cloud-based solutions (GCM) for dynamically managing configurations, event triggers, and push notifications.
* Maximizing integrated search, cloud-based services, and other exclusive Android features.
* Responsible for making the application compatible with the Latest Android Version Lollipop 5.0, Android Version Marshmallow 6.0 & Nougat 7.0.
* Worked extensively with Eclipse, Java and SDK frameworks.
* Used Git as project version controller.
* Extensively used data binding to map the data to UI components.
* Used tools like J-Unit, Mockito and Espresso for Android unit testing.
* Working on POC (Proof of concept) Project using kotlin language.
* Played a key role in writing application logic using Eclipse IDE & Android SDK.
* Leveraging Android 4.0 APIs for networking, web, location services, telephony, and hardware sensors.
* Implemented the Xamarin Insight crash reports, users, audience and events for monitoring the app across App Store and Google Play.
* Knowledge of Xamarin. iOS and Xamarin. Android applied adding native function not supported on cross platforms development.
* Developed Android application visualizing data from remote sensor transmitted via Bluetooth.
* Involved in Requirement Analysis, Module level designing, UI design and development.
* Implemented immediate notifications and alerts using Notification bar and push notifications.
* Worked on various 3rd party libraries like Retrofit, GSON, Picasso, Butter knife, Dagger to improve the performance and optimization of the app.
* Performed all unit testing, debugging and post-release support using Xamarin Test Cloud with different iOS/Android OS versions and devices.
* Created the reusable common user interface using Xamarin. Forms elements.
* Changed the architecture from MV to MVP using Dagger.
* Worked with View Pager, Navigation Drawers and action bars for better connectivity within the app.
* Implemented JSON and REST API web service calls for data parsing and server interaction.
* Implemented Geo Location Tracking of Emergency Vehicles using Location and Google Maps API.
* Exposure to working with secure connections with the server by using the Secure Socket Layer and a protocol consisting of XML messages between the client and the server.
* Worked with Gradle for build version control.
* Used Espresso as an Android test automation framework to write powerful and robust automatic black-box test cases.
* Worked with debugging tools such as using Logcat and DDMS.
* Test and error logging on devices of Android, debugging them in the very first phase of development, eliminating possible app crashes.
* Testing included emulator and device testing with multiple versions and sizes with the help of ADB.
* Worked on UI and base Android framework issues during OS upgradation.

**Environment:** Android Version, Android SDK, ADT, Java, J2EE, Google Maps API, Eclipse IDE, Linux, Maven, XML 3.3, CSS, Gradle, GIT, Visual studio 2015.

**Client: Verizon - Township of Warren, NJ Aug 2015 – Mar 2016**

**Role: Android Developer**

**Responsibilities**:

* Worked on the development and debugging of Meeting application that involves the use of calendar API to fetch the calendar events, meetings, and webinars.
* Implemented the functionality of Meeting Status logic to give meeting alerts based on the various meeting categories (Overlap, Conflicting and back to back meetings) and implement custom fonts and color and layout rebranding according to the material design specifications.
* Implemented Mix Panel Analytics to analyze different user actions in the application based on different events and properties and created user profiles to store properties for a specific user.
* Used Butter Knife Library for view injections and Dagger 2 for dependency Injections.
* Used Android SDK and Eclipse IDE for development.
* Participated in complete Software Development Life Cycle (SDLC) for proper analysis, development, testing, deployment, and enhancement of the code.
* Involved in requirement gathering and designing of the application.
* Responsible for consuming the web services of a RESTAPI using Retrofit, getting JSON response and parsing them to get the required information.
* Integrated location-based services using Google Maps API to display locations of the nearest stores.
* Implemented unique design for portrait and landscape mode.
* Implemented SQLite databases to monitor shipments.
* Implemented customized web view component to load an SWF file and HTML data.
* Handling XML data using efficient parsing techniques such as DOM parser.
* Work closely with the web application development team to ensure proper integration between mobile application and web application.
* Handling RESTful Networking: (Retrofit/OK-Http), RX-Java.
* Tested the application on various Android devices.
* Used Android content providers for implementing features like sending E-mails, SMS, etc., from the app and designed suitable GUI for these applications.
* Used services, Asynchronous tasks, and Alert Notification API to implement event reminder feature into the mobile app.
* Followed agile methodology for implementing the Application.
* Worked on debugging the application using Logcat, DDMS.
* Involved in developer testing by porting the app to multiple devices with various screen sizes.
* Enhanced search functionality by adding autofill and search history features.
* 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 the client side using JSON implemented a DOM-based implementation of feed parser.
* Created a local database using SQLite to store and retrieve the data.
* Used shared preferences to store and retrieve persistent key-value pairs across user sessions.
* Used subversion for branching and merging new features without disrupting mainline development on trunk.
* Fixed the bugs identified by the QA testing team.

**Environment**: Android Studio 2.3, SQLite, Android SDK 24 (7.0), Android Auto, Android OEM, Activity, App Compact, Broadcast Receiver, Notification, Multi-threading, Shared preferences, Fragments, Customized Views, OKHTTP3, Jackson 2.7.3, Zebra Scanner Library, Google API's, Web view, GPS service, JSON, NDK, Log cat, Eclipse ADT, Smart SVN, Postman, Site Catalyst, JUnit, Espresso.

**Client: Magna Quest Technologies Pvt. Ltd-Hyd June 2013 – July 2015**

**Role: Java Developer**

**Responsibilities:**

* Involved in Analysis, design and coding on Java and J2EE Environment.
* Implemented struts MVC framework.
* Designed, developed and implemented the business logic required for Security presentation controller.
* Set up the deployment environment on Web Logic Developed system preferences UI screens using JSP and HTML.
* Developed UI screens using Swing components like J-Label, J-Table, J- Scroll Pane, J-Buttons, J-Text Fields, etc.
* Used JDBC to connect to Oracle database and get the results that are required.
* Designed asynchronous messaging using Java Message Service (JMS).
* Consumed web services through SOAP protocol.
* Developed web Components using JSP, Servlets and Server-side components using EJB under J2EE Environment.
* Designing JSP using Java Beans.
* Implemented Struts framework 2.0 (Action and Controller classes) for dispatching request to appropriate class
* Design and implementation of front-end web pages using CSS, DHTML, JavaScript, JSP, HTML, XHTML, JSTL, Ajax and Struts Tag Library.
* Designed table structure and coded scripts to create tables, indexes, views, sequence, synonyms and database triggers.
* Involved in writing Database procedures, Triggers, PL/SQL statements for data retrieving.
* Developed using Web 2.0 to interact with other users and changing the contents of websites.
* Implemented AOP and IOC concept using UI Spring 2.0 Framework.
* Developed using Transaction Management API of Spring 2.0 and coordinates transactions for Java objects
* Generated WSDL files using AXIS2 tool.
* Developed using CVS as a version controlling tool for managing the module developments.
* Configured and Tested Application on the IBM Web Sphere App. Server
* Used Hibernate ORM tools which automate the mapping between SQL databases and objects in Java.
* Developed using XML XPDL, BPEL and XML parsers like DOM, SAX.
* Developed using XSLT to convert XML documents into XHTML and PDF documents.
* Written JUnit test cases for Business Objects, and prepared code documentation for future reference and upgrades.
* Deployed applications using WebSphere Application Server and Used IDE RAD (Rational Application Developer).

**Environment:** Java, J2EE, JSP, Servlets, MVC, Hibernate, Spring 3.0, Web Services, Maven 3.2.x, Eclipse, SOAP, WSDL, Eclipse, jQuery, Java Script, Swings, Oracle, REST API, PL/SQL, Oracle 11g, UNIX.

**Client: Impact Software Solutions-HYD Dec 2010 – May 2013**

**Role: Java Developer**

**Responsibilities:**

* Designed & developed the application using Spring Framework
* Developed class diagrams, sequence and use case diagrams using UML Rational Rose.
* Designed the application with reusable J2EE design patterns
* Designed DAO objects for accessing RDBMS
* Developed web pages using JSP, HTML, DHTML and JSTL
* Designed and developed a web-based client using Servlets, JSP, Tag Libraries, JavaScript, HTML and XML using Struts Framework.
* Involved in developing JSP forms.
* Designed and developed web pages using HTML and JSP.
* Designed various applets using JBuilder.
* Designed and developed Servlets to communicate between presentation and business layer.
* Used EJB as a middleware in developing a three-tier distributed application.
* Developed Session Beans and Entity beans for business and data process
* Used JMS in the project for sending and receiving the messages in the queue.
* Developed the Servlets for processing the data on the server.
* Developed views and controllers for client and manager modules using Spring MVC and Spring Core.
* Used Spring Security for securing the web tier Access.
* Business logic is implemented using Hibernate.
* Developed and modified database objects as per the requirements.
* Involved in Unit integration, bug fixing, acceptance testing with test cases, Code reviews.
* Involved in development, maintenance, implementation and support of the System.
* Involved in initial project setup and guidelines.
* Implemented Multi-threading concepts.
* Developed test cases for Unit testing using JUnit and performed integration and system testing
* Involved in coding for the presentation layer using Struts Framework, JSP, AJAX, XML, XSLT and JavaScript
* Closely worked and supported the creation of database schema objects (tables, stored procedures, and triggers) using Oracle SQL/PLSQL

**Environment:** Java / J2EE, JSP, CSS, JavaScript, AJAX, Hibernate, spring, XML, EJB, Web Services, SOAP, Eclipse, Rational Rose, HTML, XPATH, XSLT, DOM and JDBC.