**PRANEETH V**

**Android-Developer**

**Career Summary**

Over 8+ Years of experience in Android and Java technologies that includes application analysis, design, development and implementation of web, and Database applications.

* Expertise in developing and implementing web applications using **J2EE** technologies, which includes server side technologies like **JDBC, JMS, JNDI, JSTL, Servlets** and **JSP**.
* Excellent experience in various open source frameworks like **Hibernate, Spring MVC, Struts.**
* Experience in Native Components of Android applications: **Activities, Services, Broadcast Receiver, Content Provider, Web Services, Fragments** and Support Libraries to create high quality and stable applications.
* Strong knowledge about core Java concepts **like Multithreading, Collections** and **Exception Handling mechanisms.**
* Expertise in Android App development with **Android SDK** using Eclipse IDE and **Android Studio**.
* Implemented **Hibernate** to map all the tables from different data sources to make database updating.
* Proficient with common Android framework APIs (Location, Camera, Notifications).
* Experience in deploying web applications using **HTML5, CSS, JavaScript, JSON.**
* Worked with Application Compatible libraries such as **Data binding**, to run the applications on all android devices.
* Experience of working with databases like **Oracle 8i/9i/10g/11g, DB2 and MySQL.**
* Proficient in XML parsing technologies like **JAXP, DOM, SAX, XSD, and XSLT.**
* Experience in working with Web Services like **SOAP & REST, JAXB, JAX-RS, JAX-WS, WSDL and UDDI registry.**
* Extensively worked on memory leaks, **push notifications**, **content providers**, multiple screen support, data offline usage, accounts and sync on Android.
* Experience in using various IDE tools like **Eclipse, NetBeans, JCreator, and JBuilder.**
* Experience in using application servers such as **Apache Tomcat, JBoss, Websphere and BEA WebLogic.**
* Experienced in software methodologies like **Agile, Waterfall, RAD, and Scrum.**
* Extensively used **ANT** tool to build and deploy the application.
* Experience in developing GUI based application using **Swings** and **Java Applets.**
* Used **Junit** and **Log4j** extensively for testing.
* Good analytical skills and strong communication and a demonstrated ability to handle multiple tasks as well as work independently or in a team.
* Ability and willingness to easily adapt to different environments and learn any newer technology or software.

**TECHNICAL SKILLS**

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| --- | --- |
| **Languages/API** | Java 1.4/5/6/7, J2EE, JDBC, RMI, JNDI, Java Servlets, JSP, JSF, JSTL, HTML, EJB, XHTML, CSS, JavaScript, JQuery, PHP, AJAX, XML, XSLT, DTD, XSD, C, Design Patterns, Apache ANT 1.5.3, Multi-Threading, Shell Scripts, Spring, Hibernate, Struts, HTML, CGI, SQL and PL/SQL.NOSQL,Multi-threading. |
| **Web/App Servers** | Apache Tomcat, WebLogic 8.1/10.3/11g, IBM WebSphere, JBoss, GlassFish |
| **Databases** | Oracle 8i/9i/10g/11g, SQL Server 2000/2005/2008, MySQL, DB2 |
| **IDE/Tools** | Eclipse, Android Studio, Junit, AutoSys, JProbe, JConsole |
| **Operating Systems**  **Android Tools** | Solaris 2.x, Solaris 8/9, Windows 95/98/200x/Vista/7, Linux Flavors  Robotium JUnit Testing, MonkeyTalk Mobile Automation Suite |

**Education**

M.Sc. (Tech) Information Systems

Birla Institute of Science and Technology, Pilani

**Professional Experience**

**Lead Android Developer August 2016–Present**

**Loddg LLC –** Somerdale, NJ

Loddg was designed by a team of seasoned real estate professionals and software architects to ease the pain points of the property management industry. We're simplifying both sides of the housing equation, we make it easy to find an apartment as a renter or maintain that apartment as an owner.

**Play Store Link** - <https://play.google.com/store/apps/details?id=com.loddg.lodggapp>

**Responsibilities:**

* Worked in different phases of project life cycle like design, development and testing of application for Android mobile devices.
* Involved in requirement gathering, UI design and development.
* Implemented **web views, list views**& populated lists from database using simple **adapters**.
* Implemented Android **content providers** for implementing features like sending E-mails, SMS, etc., from the app and designed suitable GUI for these applications.
* Responsible for design of **user interface** using various custom layouts, buttons, dialog boxes, alert boxes and edit boxes.
* Designed downloading files and images by showing **Progress Bar** Activities and also implemented **Status Bar.**
* Used **OAuth2** Protocol to deal with authentication with third party services.
* Responsible for SERVICES, **ASYNC** tasks and **Alert Notification** API to implement event reminder feature into the mobile app.
* Strong experience with **Android Framework APIs** such as Google Maps, Camera, Resource Manager, Fragments, Location Manager, Notification Manager, Content Providers, Contact Manager, Telephony API and REST APIs.
* Experience in using dependency injector called **Dagger** to test the classes
* Experience in Android Integration framework tools like **Espresso** and **Gradle**.
* Experience using **AWS** to store and retrieve huge data by Client-Server interaction.
* Development access restriction features using Authentication and Authorization tokens.
* Embedded **Google Maps API, GPS Location Data** into app with zooming controls.
* Responsible for the Saved data in the **SQLite** database.
* Modified Android manifest XML file to include all user permissions such as **GPS, SMS READ /SEND / RECEIVE.**
* Experience in Android Networking Libraries like **Volley** and **OkHttp**.
* Experience in integrating the application with analytics to **log User Sessions and Touch Gestures**.
* Involved in development and enhancements of features to restrict the usage based on Authorization and Authentication tokens.
* Understanding system requirements, test case planning and execution, Functional testing, Integration Testing, Track issue records and reporting by using bug tracking tool.
* Experience in using communication protocols in a network using **TCP IP and UDP protocols**.
* Experience in the required GUI by making modifications to the XML files.
* Experience with **REST and SOAP** web services.
* Worked on Continuous Integration and code version using **GIT**.
* Debugged application using **ADB**, Trace View, **DDMS** and Log Cat.
* Worked with **JSON** library to parse JSON files.
* Experience with authenticated sessions using OAuth and authentication tokens.
* Worked with business stakeholders, creative teams, offshore teams and technical teams at all levels of an organization

**Environment:** Android SDK 2.2, SQLite 3.6, Eclipse IDE 3.5, Android API's, JDK 1.6, XML, JSON, GPS, ADT Plug-in, CVS (version control), JNI, Logcat, DDMS console.

**Sr. Java Software Engineer June 2015 –July 2016**

**Apple –** Sunnyvale, CA

Supported the development of Apple Store App, Apple's Official mobile application for the Online

Store. It gives the user access to everything the retail and online store's have to offer, such as making

appointments at the Genius Bar, purchasing new Apple hardware and software, and scheduling in-store

pick ups.

**Responsibilities:**

* Involved in various phases of Software Development Life Cycle (**SDLC/SCRUM**).
* Implemented Dependency Injection (**DI/IOC**) using **Spring** Framework.
* Primarily focused on the **Spring** components such as Dispatcher Servlets, Controllers, Model and View Objects, View Resolver.
* Worked with various types of controllers like simple form controller, Abstract Controller and Controller Interface etc.
* Integrated Spring DAO for data access using **Hibernate**, used **HQL** for querying databases.
* Used Aspect Oriented Programming (**AOP**) in **Spring** framework for transaction management and developing advices for various cross cutting concerns such as logging, security and indexing.
* Configured and maintained **WebLogic** 8.1 with **JDBC**, JMS, JNDI and J2EE Services. Deployed applications (WAR, EAR, JAR) in Domain and Clustered environments.
* Designed, developed, and successfully shipped a Java**Restful web service** for making genius bar reservations that maintains backwards compatibility support with the previous versions
* Designed and implemented Spring Framework based **RESTful** web services for high volume on line account management, order and payment processingusing **Jersey API** and **SOAP** using **JAX-WS**.
* Designed and developed batch processing using **multi-threading** to process payments.
* Used the **Peer to Peer** model multithreading to implement the mobile reservation system during the iphone 6s release earlier last year.
* Also was part of the team that designed and programmed a Java based credit card payment processing system using **XML, JMS, and stateless EJB’s** .
* Worked with Java/Scala and XML developers and systems engineers
* Implemented various design patterns like **DAO**, **Singleton**, **Factory**, **MVVM, MVC** and **Value Object** pattern to improve the code reusability and performance.
* Designed and developed persistence layer build on ORM framework and developed it using **Hibernate**
* Included client side caching using **Angular JS** and performed the server side caching using Hibernate EH cache
* Developed UI modules using **HTML**, **JSP**, **JavaScript, Bootstrap**, **CSS** and **Angular JS** JavaScript framework.
* Troubleshooting everyday problems in **WebLogic** Application Server and issues by interacting with developer and testing teams.
* Monitoring error logs, fixing problems and tuning parameters on **WebLogic** environment.
* Implemented the logging mechanism using **Log4j** framework.
* Used **Maven** for dependency management and Subversion for version control.
* Used **JAXB** for marshalling and unmarshalling.
* Designed and implemented a **DB2** noSQL based database and associated RESTful web service that has high-volume customer profile data for vertical teams.
* Used Concurrent Version System (**CVS**) as source control tool to keep track of the system state.
* Created and Configured Connection pools in **WebSphere** Application Server.
* Used **JUnit** for debugging, testing and maintaining the system state.

**Environment:** Java 1.7, JSP, Spring, Microsoft WPF, Hibernate 3.0, WebSphere Application Server 7.0, SOAP and REST web services, JAX-WS, Jersey API, Maven, MVVM, HTML, Bootstrap, Angular JS, AJAX, CSS, JavaScript, ANT 1.7, JUnit, Log4j, CVS, Eclipse, DB2, Adobe Cold Fusion., Ruby, Ruby on Rails, Scala.

**Android Developer August 2014 – May 2015**

**Nissan –** Franklin, TN

Responsibilities:

* Worked in an agile environment - Participated in Daily standup meetings.
* Worked in **layouts and UX design** and layout using both XML, and custom android views.
* Implemented location based API using **Location Manager** to locate the clinic in the neighborhood.
* Implemented Web Views to provide easy access to shop online feature.
* Used **SQLite database** to store user's shipments and tracking numbers locally and to implement offline functionality.
* Used **REST** based web services and **JSON** parsers for secured data interchange.
* Extensively utilized **Async Task**, Thread and handler to provide smooth UI experience.
* Implemented Material Design for the latest app supporting Android 5.0.
* Added **Push Notification** through backend support to get users specials and discounts on the device.
* Implemented spinners while loading data.
* Integrated with different Android versions.
* Collaborated with web services team to implement the backend support.
* Worked manage work onsite as well as offsite team of contractors.
* Performed debugging on the various modules/functions to ensure that the output is as expected.
* Worked with Hybrid capabilities to display static pages that were hosted on **CVS Server**.
* Worked with the UI team to design the appropriate icon and display for the screens.
* Implemented **Barcode Scanner API** to scan users' prescriptions and provide availability information on the app.
* Debugged and tested the application using logcat, **DDMS** (Dalvik Debug Monitor Server) and trace view on different android devices.

**Environment**: Android SDK, Android DDMS, Eclipse ADT, Java, web service, HTML, CSS, XML Parser.

**Android Developer August 2013–Jul 2014**

**CSS Health Technologies –** Mobile, AL

The mobile application was developed using native android development plat form. Designed specifically for patients, health care professionals and caretakers, the Via Opta Simulator App is designed to give a first person look at what it is like to live with visual impairment. The system is designed using RESTful data services to provide seamless integration between different mobile platforms and to allow dynamic seamless content distribution over the network.

**Responsibilities:**

* Followed **SCRUM** development process to accomplish the task.
* Designed and Developed App screens and its workflow using Activity and Fragments.
* Utilizing**Async Task, Thread, Handler, Services** to provide smooth UI experience.
* Working on custom libraries for generating views and layouts and integrated them into App.
* Creating **JSON** serializable interface for description of data.
* Creating a Menu layout for easy access throughout the app accessibility.
* Implemented **Push Notification** using Cloud services.
* Worked on improving the application performance and follow the application architecture.
* Implemented unique design for portrait and landscape mode.
* Implemented web designing using **HTML5** and **CSS3**
* Used web views, list views & populated lists to display the lists from database using simple adapters.
* Worked on wide use of application framework like content providers, content resolver, AsyncTask, **AlertDialog**.
* Worked on **AJAX** with **JSON** for web page dynamic refreshing.
* Handling XML data using efficient parsing techniques such as **JSON Parser, XMLPullParser and DOM parser.**
* Identifying Critical/Crash/Hidden defects in applications using mobile apps and Ability to give suggestions for a quick fix by analyzing logs.
* Worked on minimizing impacts to user experience, such as battery drain, ANRs, unresponsive UI, etc.
* Integrated with Google maps for the parking reminder feature.
* Utilized the GIT plugin for Eclipse to perform effective source code control techniques like branching and merging as well as resolving merge conflicts.
* Created and managed database (SQLite) for storing user manuals and customer details.
* Tested the application in various devices and different OS versions.
* Involved in debugging the application, production bugs fixing and enhancing the app
* Using **ACRA-4.3.0** library to send crash reports to the developer.
* Performing on device debugging using **ADB** and tested application in device using Logcat, DDMS.

**Environment**: Jave, Eclipse IDE, Android SDK, JSON, AJAX, REST, SQLite, XML, GIT, SQLite, Gradle, Maven

**Android Developer April 2012 – Jul 2013**

**BNP Paribas –** New York, NY

The project mainly consisted in developing a secure and safe login page from where users could view their account information and manage their account related functions safely and securely.

**Responsibilities:**

* Working on all stages of software development life cycle (SDLC) from requirement gathering to deployment for both **Android and IOS.**
* Updated the reports weekly and generated status reports every month according to the requirements given.
* Developing, debugging, coding and deploying the applications using Android Studio.
* Designed real time mobile web applications using **Java, JQuery, MVC and Web Services.**
* Worked with storage options **SQLite Database, Google Maps API, Push Notifications and GPS Location data.**
* Developed many Web Sites like search engine optimization (SEO) skills using PHP, and MySQL.
* Worked on front-end UI development skills using scripting languages like **JSP, PHP, Java, HTML, JavaScript and CSS.**
* Identified the logic in applications using **Eclipse IDE, Android Studio IDE and Android SDK**.
* Designing UI layout using Relative Layout, Linear Layout, Table Layout, Frame Layout and using custom Widgets and Android Widgets.
* Updated data locally through **Content Provider** and sync data with Sync Adapter by retrieving data from the server.
* Performed testing using JUnit on various Android Devices and conducted product integration.

**Environment**: Android Studio, Java, JQuery, MVC, Web Services, SQLite, API, MySQL, UI, JSP, PHP, HTML, JavaScript, CSS, Eclipse IDE, Android SDK, JUnit.

**Java Developer July 2011 - March 2012**

**TMG Health –** Scranton, PA

Was part of TMG Enroll Renovation Project, which was an application used for third party processing of customer enrollments for several clients. This project was a result of huge growth in the company’s clients, which triggered the need for higher data processing capabilities and higher throughput.

**Responsibilities:**

* Involved in the complete development, testing and maintenance process of the application
* Created and deployed web pages using **HTML, JSP, JavaScript and CSS.**
* Designed user interfaces using **JSP**.
* Implemented Business processes such as user authentication, Account Transfer using **Session EJB’s.**
* Deployed the web application on **Web Logic server.**
* Used **JDBC** for database connectivity.
* Developed necessary SQL queries for database transactions.
* Developed Custom Tags to represent data in a desired unique table format and to implement paging logic.
* Created an SQL Server database, which includes tables, **views, triggers, constraints, stored procedures, functions**, etc.
* Deigned Use case diagrams, Class diagrams and Sequence diagrams using UML.
* Developed Exception handling framework and used **log4J** for logging.

**Environment:** Java, Servlets, JSP, WebLogic Server 11g(10.3.5), Ant, Log4j, XML, HTML, JavaScript, JDBC and SQL, PL/SQL, Oracle 10g, UNIX.

**Android Developer May 2010 - May 2011**

**Verisign Services -** India

Android Application and Admin Side Panel development for Live Screen barging & recording the customer support Screen based on RTSP and JMS. This Application helps in recording the customer calls for quality and training purposes. DDMS.

**Responsibilities:**

* Participated in all the phases of the Software Development Life Cycle (SDLC), provided value added services with development teams and clients throughout the life span of project.
* Involved in development of User Interface using JSP, JavaScript, **XSLT, XML, AJAX, HTML, Tag libraries and Struts MVC framework.**
* Consuming Rest Based web services for **online transactions.**
* Used Multithread Environment.
* Developed, debugged, coded and deployed the application using Eclipse IDE.
* Used **Audio and Video** View to play and show the LCD screen View.
* Design application for multi device support. Done Unit testing and performance testing.
* Customize **Android Widgets** for showing the Animation screen.
* Used Widgets to show the application on home screen.
* Worked with **Google Map and Location base API**, to identify the customer's current location.
* Used Notifications to show if there is any change in the application.
* Worked with SQLite3 for managing the data.
* Used JSON parsing for data extraction and to implement Content providers.
* Development methodology used was the SCRUM Agile methodology. Process includes iterative development, 2 week sprints, daily stand-up meetings, and customer managed backlog.
* Used **Camera API** for capturing the Barcode for scanning.

**Environment**:Android, JSON, REST Web Service, SQLite3, Social Media integration, Google Map, Location base API, Zip Align, DDMS, Monitor, Eclipse.ug

**Jr. Java Developer December 2008 - January 2010**

**ICICI Bank -** India

Developed a banking application that allows customer to pay bills securely as well as enroll in monthly recurring bill payment and review payments. Also supports intra and interbank transfer of funds for given customer.

**Responsibilities:**

* Developed UI modules using **HTML**, **JSP**, **JavaScript, Bootstrap**, **CSS** and **Angular JS** JavaScript framework.
* Used Struts, Front Controller and Singleton patterns, for developing the action and Servlet classes.
* Worked with Web Services migration using **SOAP** architecture.
* Developed the banking application screens using**JQUERY** to dynamically generate data to display to the client.
* Extensively used **JSP** tag libraries.
* Implemented **DAO's** for mapping the services and queries.
* Provided support during the product release management.
* Deployed the application on **Apache Tomcat** Application Server.

**Environment:** Java, Hibernate, Struts MVC, Spring JDBC, JSP, JQuery, XML, Html, CSS, AJAX, Maven, WebSphere Application Server 7.0, Junit, log4j, SOAP- CXF.