**Prudhvi**

**Sr. Android Developer **

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**PROFESSIONAL SUMMARY**

* Having **8+ years** of professional work experience in all aspects of Software Development Life Cycle (SDLC) like requirements analysis, design specification, code development, code integration, testing, and deployment using Object Oriented Analysis
* Worked for **5 years** in Android Application Development using Android Studio, Eclipse, Java, JSP, XML, Android SDK and ADT plug in different SDLC environments like **Waterfall, Agile, and Scrum methodologies**.
* In-depth experience in using **Android** **Studio** and **Eclipse** with ADT plugin and working with several versions of **Android SDK** like **Gingerbread, Honeycomb, Ice Cream, Sandwich, Jellybean, KitKat, Lollipop, Marshmallow, Nougat and Oreo**.
* Experience in native Android development which includes: **Activities, Services, Broadcast Receivers, Intent, Fragments, AsyncTask, Adapters, Material Design, Shared Preferences, Location services and Android framework API's**.
* Worked with **Retrofit, volley, Otto, EventBus, Butter Knife, Dagger 2, GSON**, **Jacoco, Flurry, Google Analytics, ZXing, Adobe and Picasso** libraries.
* Worked on **Firebase, SQLite, Realm Databases. Which are light weight, server less and convenient data storage.**
* Hands on experience in **version control software’s** like **GIT**, **Bitbucket**, **Source Tree, Perforce, Gerrit, Vault, SVN**, **Rational Clear Case** and **CVS.**
* Worked on continuous Integrations like **Jenkins, Bamboo, Teamcity and HockeyApp (for builds)**.
* Worked on tools like **Hipchat, Slack and Lync** for communication purposes with the project members.
* Familiar with **application deploying** in **Google Play Store, Samsung App Store, Amazon App Store** and worked on Relational databases **like SQLite, Oracle, MySQL** and **DB2**.
* Experience in dealing with both **REST** and **SOAP** based Web Services to fetch data and parsing the **XML** and **JSON** response using different parsers
* **Worked on Confluence, Wiki and New Relic for documentation purposes** and **performance monitoring.**
* Experience in **testing code usability, correctness, cleanliness and robustness.**
* Extensively worked on **Memory Leaks**, Push Notifications, **Content Providers**, Data offline usage, Accounts, Sync on Android and Knowledge in handling the concurrencies using **RxJava**, utilized Observable, Observer, Scheduler and **Multithreading**.
* Familiarity with Cloud message API’S and push notifications **(Google Beacon Platform/Firebase)**
* Experience in **Memory Management**, **Caching, Imaging, Storage** and ability to retrieve and update information securely using **Cloud APIs like Firebase.**
* Immense knowledge about implementing a complete project life cycle, with domain knowledge in Mobile Application Development and Web application development.
* Worked on **SonarQube** for continuous inspection of code.
* Worked on MVC**(Model-View-Controller)** Framework, **MVP**(Model-View-Presenter), **MVVM** (Model–View–View model), Design **Patterns** and UML.
* Experience in Implementing **Graphical User Interface (GUI)** pages by utilizing **JSP, HTML5, CSS3, JavaScript, AJAX, Angular JS, jQuery, Node.JS** with **Standard Validations**.
* Vast knowledge about **PROJECT MANAGEMENT life cycle process** and gained professional experience in implementing the process through different projects
* Experience with Android OS level tweaking and with responsive web design approaches
* Experience in Android Design Guidelines and designing **UI/UX layouts** using various Layouts, Android native widgets and custom widgets and building android custom IO components.
* Experienced in building Multi-pane UI by combining multiple fragments in a single activity and reused these fragments in multiple Activities.
* Hands on experience with Android Unit testing, Automation testing and used tools like **JUnit** and **Monkey Runner**, **Espresso** for UI Testing.
* Familiarity with continuous integration (QUICKBUILT)
* Skilled in implementing multimedia features such as images, video, sound and graphics using **Android SDK APIs like Location, Camera, Animations, Maps and Third-Party APIs such as YouTube, Facebook and Twitter.**
* Familiarity with Mobile Security using OpenSSL library, **OAuth**, encrypted file system, User granted and App defined permissions and when using **WebView with JavaScript Bridge**.
* Experience with **Core Java** concepts like **Collection Framework, Multi-threading, Generics, Serialization** and **Externalization.**
* Experience in web servers like **JBoss, Web Sphere Application Server, Web Logic, Apache Tomcat** on entire **Software Development Life Cycle** (SDLC).
* Experience using **Hibernate** for mapping **Java classes** with **database** and using Criteria **API** and **Hibernate Query Language (HQL).**
* Experience with understanding of mobile performance, latency, and security issues using performance analysis tools and experience with offline storage, **threading performance tuning**, **caching and performance optimization.**
* Known for innovative ideas and capable of leading the team with driving force to complete the assigned projects by providing the safe work environment.
* Professional in promoting a disciplined project management process that encourages teamwork, self-organization and set of best engineering practices intended to allow for rapid delivery of high-quality software, and a business approach that aligns development with customer needs and company goals
* Experience in preparing and delivering information in a concise and professionally written format and presenting information to staff in a formal and informal setting
* Outstanding communication & verbal skills. Self-motivated and quick learner with **splendid interpersonal skills and problem-solving skills.**
* **Soft Skills** - **Teamwork, organization, sense of urgency, leadership, fiscal responsibility**

**TECHNICAL SKILLS:**

|  |  |
| --- | --- |
| **Languages** | **JAVA, Python, J2EE, C/C++, PL/SQL** |
| **Enterprise Java** | **Java, J2EE, JMS, Spring, Struts, EJB, JSP, Servlet, JNDI, JDBC, Java security, JSF, JPA, JDBC, JSF** |
| **Android** | **Google Maps API, Media player API, Google Analytics, Material Design and Android Wear** |
| **Libraries** | **EventBus, ButterKnife, RxJava, GSON, Retrofit, Volley, Ksoap** |
| **Frameworks** | **Android SDK, Java Development Kit (JDK), .NET, C Standard Library, jQuery Mobile, Dagger 2** |
| **Mark-up/XML Technologies** | **HTML5, XHTML, CSS3, JavaScript, jQuery, Angular JS, Node JS, XML, XSD, XSL/XSLT, SAX/DOM, AJAX, JSON** |
| **Web services** | **SOAP, RESTful, UDDI, WSDL, JAX-RPC, JAX-RS, JAX-WS, JAX-B, Axis2, ApacheCXF** |
| **Web/App Servers** | **Web Sphere, Apache Tomcat, JBoss, WebLogic** |
| **Operating System** | **Mac, Windows, UNIX and Linux.** |
| **Development Tools** | **Android Studio, Eclipse, My Eclipse, Spring Tool Suite(STS), Net Beans, IntelliJ** |
| **Database Systems** | **SQLite, Firebase, Oracle, DB2, Sybase,** **SQL-Server, MySQL server, Mongo DB, Couch Base** |
| **Version Control systems** | **Bitbucket**, **GitHub**, **Source Tree**, **TFS, Gerrit, CVS, SVN and Vault** |
| **Testing/Build Tools** | **Logcat, ADB, JUnit, Mockito, Robotium, DDMS, JIRA, Gradle, Maven, ANT, Espresso, Crashlytics, ODIN, Calabash, MonkeyTalk** |
| **Development Methodologies** | **Agile, waterfall, RAD.** |

**PROFESSIONAL EXPERIENCE:**

**Client: Bank of America Nov 2016 - Till Date**

**Location: Charlotte, North Carolina**

**Role: Sr. Android Developer**

**Project: Mobile Banking**

**Link:** <https://play.google.com/store/apps/details?id=com.infonow.bofa&hl=en>

**Description: Bank of America** is one of the largest world’s leading financial institutions, serving small and middle-market businesses and multinational corporations with wide range of banking, asset management, risk management, investing and other financial services. The goal of bank of America is to help make financial lives better by connecting clients and communities to the resources they need to be successful.

**Project Description:** Our project aim is to provide all the users a convenient way and secure process of mobile banking. This mobile banking app is for only U.S based accounts. Our app allows the users to review activity and balances in checking, savings and credit card account balances. The app is designed as user-friendly, users now can activate or replace credit/debit cards, order check copies, set alerts to be notified of important accounts and security information. This app allows users to transfer funds, scheduling payments and take photos of checks to deposit them. App also provides security terms and conditions and if users face any problem, they can schedule the appointment to meet with specialist. Users can change passwords at any point of time and can also set fingerprint sign-in to secure their accounts and user details. Finally, App is completely designed to secure mobile banking.

**Responsibilities:**

* Responsible for remodifying the existing code and to enhance the performance of the entire application.
* Integrated **Broadcast Receivers** with **Intent Filters** to provide Android system announcements. And stored the information such as name, time, place, date, etc., about an event by designing an **SQLite** database.
* Further, worked on **Firebase** and **REALM database** to replace the SQLite and ORM libraries because realm database has new features like **JSON support, fluent API and encryption** support which makes development of app easy.
* Worked on **Firebase Authentication, data storage** to identify the customers details based on the pre-registered accounts using the Email id’s.
* Implemented notifydatachanged methods whenever the customer’s account has been updated or changed.
* Implemented **activities, linear, frame**, **relative layouts,** and **fragments.** Displayed information by designing **Recycler view** which is a powerful layout to display list views.
* Designed custom dialogs, custom notifications for displaying the **generated payment code**
* Incorporated event reminder feature into the mobile app using services **Asynchronous** **tasks**, **Alert** **Notification** **API** and for other execution threads using **Multi-Threading.**
* For processing network response data and for efficient **JSON** parsing used **Retrofit**.
* Integrated the **QR Code Zbar scanning library** into the application for scanning.
* For the quick and convenient way for the user, implemented the **FINGERPRINT AUTHENTIACTION** in the app to sign-in securely.
* Also integrated the **Camera2** features to take photos of checks and deposit them through the app.
* Involved in working on location nearby agents using **Google** **API’s** to enable the customer to navigate to the agent and call the agent directly.
* Worked on getting the data from the Contact on the device using **content providers**. Design screens for an application with **Native Android Studio IDE** using **MVC pattern**.
* Worked on Google APIs such as **Firebase**, **Google Play services, Email Integration API** to examine the viability of the app over Google services exclusively.
* Involved in detecting the device rotation by implementing the **Accelerometer** using the Sensor **Event Listeners**.
* Used **GET, PUT, POST** and **DELETE** for a regular interaction of **RESTful API** design calls to populate the UI on the app.
* Detected the location of the user using **Network provider and GPS** to find the nearby ATM and using **Google Play Services.**
* Integrated **alert dialogues** about the important accounts and security information by implementing **Toast messages.**
* Responsible for consuming the **REST** services, getting **JSON** response and parsing them to get the required Information using **GSON**.
* Used **GIT and Perforce** for project management and version control
* Performed **unit-testing** for code robustness, including edge cases, usability, and general reliability
* Streamed media files such as remote videos using **Android platform libraries**.
* Worked on **Dagger 2.0**, **Butter Knife** and **Rx-java** to inject the dependencies.
* To inject views into Android components used light weight library called **Butter knife**.
* Used **Espresso-Intents APIs** in functional UI tests.
* For representing, modifying and composing the data sources used **Rx Java** and written test cases using **Espresso**, **Junit**.
* Embedded videos into an app using **Android Multimedia Framework** and performed streaming of video files and displayed it on a app.
* Debugged the code using **TDD** (**TEST DRIVEN DEVELOPMENT**) and eliminated the occurrence of expectations.
* Also used **Logcat**, **DDMS** (Dalvik Debug Monitor Server) for **debugging and detecting memory leaks.**
* For implementing native audio, Exporting Modules and managing native app’s activity lifecycle used **Native Android SDK.**
* Performed search operation by integrating search widgets using **collections**.To help the user to track the order, implemented **PUSH** notification.
* To store and retrieve persistent key-value pairs across user sessions used **shared preferences**.
* Different Orientation patterns were performed for accessing on all the android devices
* Whenever app goes to background, to show the login screen and to provide the security used **Application** **Activity** **Lifecycle** **callbacks**.
* For application development used **Photoshop, Dreamweaver, HTML 5, JavaScript**, and **Angular JS.**
* Created drop-down lists using custom objects using Expandable **List Views** and **Hash Maps**. Managed expectations by communicating effectively with the stakeholders.
* Incorporated required code to attain the different button and text fields and implemented the necessary action for each of the widgets.
* Worked extensively on various Testing platforms like **Robotium**, **JUnit** and **Espresso**.

**Environment:**

**Android SDK, Android Framework APIs (GPS, Camera, Notification), Android Studio, DDMS, Photoshop, JSON, GSON, Rest API, Logcat, XML, HTML 5, GUI, GIT and Windows, Dagger, Retrofit, RxJava, Robotium, JUnit, Espresso, Agile Environment, okHttp.**

**Client : Clad Network April 2015 – Oct 2016**

**End Client : United Health Care**

**Location : Cortland, NY**

**Role : Sr. Android Developer**

**Project: Health4Me**

Link: <https://play.google.com/store/apps/details?id=com.uhg.mobile.health4me&hl=en>

**Description:**  United Health Group Inc. is an American for profit managed health care company. UnitedHealth Group offers health care products and insurance services and it is the largest healthcare company by revenue $184 billion.

**Project Description: Health4Me** is a mobile application designed to help the users save time and manage healthcare. By accessing this app users can locate physicians nearby, manage prescriptions and allow users to check their health saving account balances. This Application is designed for every need of the user i.e., Users can update their health plan ID’s, use location search features and access tools like health care cost estimator which makes the health care options easier by comparing procedure, provider, price and place. Our application is personal, securable and simplified for the UnitedHealthcare Group users.

**Responsibilities:**

* Involved in developing the UI for the app using **Text Views, Buttons, Check boxes, Alert dialogs, Action bar and spinners for various layouts.**
* Implemented **Recycler View** into the app to display the user’s health provider and the amount of money that the user has paid.
* Worked on **Firebase Authentication** to check for the valid users using their pre-registered Email Id’s and Passwords.
* Worked on wide use of application framework like **content providers, content resolver, AsyncTask and Alert Dialog**.
* Users are alerted with **Alert Notifications** and through **real-time database** as soon as the user logins into the application. The users account is updated according to the changes made.
* Contributed in backend of the application that interacts with the database to form the **JSON structure** required for **Restful JSON** response.
* Worked on the location services using **Network provider and GPS** to find the nearby health care clinics using **Google Play Services.**
* Injected dependencies into the application using **Dagger 2.0, EventBus and ButterKnife.**
* Designed **Card View Layout** resource into the app which allows the users to update their healthcare ID’s on the screen by integrated the **Camera2** features to take photos of healthcare ID’s and upload them through the app.
* Worked on debugging the application using **Android Studio** and **Debugger**. Used **adapters** to populate lists from databases.
* Worked on **BITBUCKET and SOURCETREE** for push and pull of the code to update to the team members and to ensure safe commits for **robustness of the designed application code**.
* Worked on **Monkey Runner** **Tool** to test the applications and devices at the functional/framework level and for running **Unit Testing**
* Leveraged **Retrofit** Library for creating HTTP POST and GET commands both synchronously & asynchronously to hit the REST API while consuming the **JSON** data response in a **thread safe** manner.
* Executed the purchase and payment methods for merchant and customer.  Performed web page validations by developing programs using **JavaScript**.
* Developed by using **Dagger** dependency injection framework while creating **observables** on main thread and arbitrary loopers.
* Implemented Relational Mapping database for persistence through **SQLite** Library with inbuilt **PROGUARD** configured to enable **resource shrinking**.
* Responsible for using **SONARQUBE** for continuous inspection of the code
* Participating in Team **discussions**, client **meetings** for designing, determining prototype and actual application
* Responsible for implementing **Crashlytics** SDK for **crash reporting**.
* Designed custom dialogs, custom notifications for displaying the **generated payment code**
* Involved in developing conventional view for cropping the scanned image before processing for both **landscape** and **portrait** modes.
* Maintained **Google design guidelines** and **Android best practices** to update an application regularly.
* Involved in detecting the device rotation by implementing the **Accelerometer** using the Sensor **Event Listeners**.
* Incorporated **SQLite** **Database** **framework** for an easier Database transaction.
* Used **XML** to develop GUI. To optimize the efficiency, implemented and evaluated new technologies. Displayed background progress by implementing **Animated Progress Dialog**.
* Performed debugging and testing to an application on various Android devices using **Logcat** and **DDMS**.
* Fixing the issues recorded in **JIRA** and updating the status. Expertise in working with the Agile environment. Collaborated with **Fragments** within the activity for simple, efficient and user-friendly UI.
* Developed popup windows to send the notifications to the user by creating **Priority Queue** and **transparent activities**.

**Environment**: **JIRA, Android Studio, Monkey Tool, Android OS 4.0, Linux OS and Bitbucket, GitHub.**

**Client: Sprint Oct 2013 – Mar 2015**

**Location: Overland Park, KS**

**Role: Android Developer**

**Project: My Sprint**

Link: <https://play.google.com/store/apps/details?id=com.sprint.care&hl=en>

**Description:**  **Sprint** is an American multinational telecommunications conglomerate and it is the fourth largest mobile network operator in the United States and serves approximately 55 million customers. Sprint company offers wireless voice services, messaging and broadcasting services through its subsidiaries under the Boost Mobile, Virgin Mobile brands.

**Project Description**:

The app lets the Sprint customers know about their data, account and bill in one Feed, with personalized products and content, data control center. It also contains explanation about bills from month to month. Payment methods can be added quickly with camera, also scan products and self-checkout, access location services to find the nearest store for in-store pick-ups, to pay bill in person and suggest international plans while traveling.

**Responsibilities:**

* Worked on Payment application through Sprint protected payment access API.
* Designed custom dialogs, custom notifications for displaying the **generated payment code**
* Worked on debugging the application using **Android Studio** and **Debugger**. Used **adapters** to populate lists from databases.
* Executed the purchase and payment methods for merchant and customer.  Performed web page validations by developing programs using **JavaScript**.
* Involved in developing conventional view for cropping the scanned image before processing for both **landscape** and **portrait** modes.
* Maintained **Google design guidelines** and **Android best practices** to update an application regularly.
* Incorporated the **Barcode Scanner library** to scan the payment cards of customers. Developed the **Barcode Scanner library** to give the better-scanned results.
* Involved in detecting the device rotation by implementing the **Accelerometer** using the Sensor **Event Listeners**.
* Incorporated **SQLite** **Database** **framework** for an easier Database transaction.
* Used **XML** to develop GUI. To optimize the efficiency, implemented and evaluated new technologies. Displayed background progress by implementing **Animated Progress Dialog**.
* Performed debugging and testing to an application on various Android devices using **Logcat** and **DDMS**.
* Followed **Agile methodology** to complete the project and fixed the issues recorded in **JIRA** and updating the status.
* Collaborated with **Fragments** within the activity for simple, efficient and user-friendly UI.
* Developed popup windows to send the notifications to the user by creating **Priority Queue** and **transparent activities**.
* Followed **Agile** Methodology to finish the project in iterations. Participated in Client meetings, Application Designing, Enhancements, Bug fixing and KT sessions for gathering all the requirements, designing a prototype for Android application.
* 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 Smart phone and tablets.
* Used **WEBSERVICES** to retrieve the content from the INTERNET directly into the receiver’s device.
* Implemented **REST** services using **Retrofit** and **GSON** over **okHttp** services to counteract on the latency and network issues.
* Responsible for consuming the **REST** services, getting **JSON** response and parsing them to get the required Information using **GSON**.
* Used **Test Driven Development** (TDD) approach to develop clean code that works.
* Implemented the Android IPC's like **Intents**, **Binders**, **Broadcast Receivers** etc.
* Used **Dagger** and **Butter Knife** to inject the dependencies.
* Handling **XML** data using efficient parsing techniques such as **DOM parser**.
* Used **Picasso** to render the images smoothly and used **GIT** for project management and version control.
* Broad knowledge of **NFC** payment which was integrated in the app itself.
* Used **Logcat**, **DDMS** (**Dalvik Debug Monitor Server**) and trace view for debugging and detecting memory leaks.
* Worked closely with the web application development team to ensure proper integration between mobile application and web application.
* Experience with transmitting network data using **volley** which enabled automatic scheduling of network requests, multiple concurrent network connections and support for request prioritization.
* 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 **RxJava** as a library for composing **asynchronous** and **event-based** programs by using observable sequences.
* Worked extensively on various Testing platforms like **Robotium**, **JUnit** and **Espresso**.

**Environment:** **Android SDK, Photoshop, JSON, GSON, Rest API, Logcat, Google Maps, XML, HTML 5, GUI, GIT and Windows, Dagger, Retrofit, Volley, RxJava, Robotium, JUnit, Espresso, Agile Environment, okHttp.**

**Client: COMMERECE BANK Mar2012 - Sep 2013**

**Location: Kansas City, MO**

**Role: Android Developer**

**Link:** <https://play.google.com/store/apps/details?id=com.commercebank.mobile&hl=en>

**Project Description:** Using this Android application, users can manage their money, make transfers and payments and can track investments*.* User details, info is secured and app is upgraded with easy sign-on using existing Commerce Bank Online username and password and exceptional security features including Online Security Guarantee.

**Responsibilities:**

* Developed Single Page Applications (SPA) i.e. web applications using Angular Js, Backbone.js, node.js, handlebars and mustache.js
* Used Angular JS and Node JS to implement rich functionality in various pages: form validation, CRUD, grid, search, sort, pagination, multi-selection, tags-input, advanced directives, authentication, server-side proxy, unit tests, cloud integration, slide pages, users switch etc.
* Integrated audio, video, and images into application using **Android Multimedia framework**.
* For authenticating and interacting with APIs and sending network requests with OkHttp used **Retrofit** which provides a powerful framework.
* For Web-design and application development used **Photoshop, Dreamweaver, HTML, JavaScript**, and **Angular JS.**
* Designed dynamic and multi-browser compatible pages using **HTML, CSS, jQuery, Angular Js and JavaScript**.
* Worked on getting the data from the Contact on the device using **content providers**. Design screens for an application with **Native Android Studio IDE** using **MVC pattern**.
* Developed alerts such as breaking news about banks, fraud user accounts by **implementing Toast, Dialog notifications.**
* Developed a robust **Native Android mobile application** for utilizing and managing secure API.
* Implemented **activities, linear, frame**, **relative layouts,** and **fragments.** Displayed information by designing custom List Views.
* Used **Navigation** **Drawer**, **List** **View,** and **View** **Pager** to develop an UI for most of the application modules.
* Performed streaming of media files such as videos and presented them for playback in the application.
* Customized look and feel of an application by editing images and altering photos using Illustrator **CS5** and **Photoshop** **CS5**.
* Detected the location of the user using Network provider and GPS to find the nearby ATM and using **Google Play Services.**
* Developed the **SQLite database** to store the **articles offline** as per user requirements. Used **shared preferences** to store data. Exchanged and stored data using **JSON**.
* Responsible for **bug fixes** and **peer reviews**. Performed **debugging** and **testing** of code on various Android devices. Developed apps using **Eclipse** **IDE** and **Android** **SDK**
* Used **JUNIT** to develop test cases by interacting with the testing team. To optimize scalability designed components using **OOP**.
* For knowledge sharing worked on a team with other departments within App development. **Testing** and **debugging** on different devices of Android. Used **GIT** to maintain source code of an application.
* Debugged the code using **TDD** and eliminated the occurrence of expectations.

**Environment:** **Java, Android SDK, Android Version 2.3. 4.4 Android Studio, JSON, MVC, XML, and Google Maps API.**

**Client : Evoke Technologies Nov 2010 – Feb 2012**

**Location : Dayton, OH**

**Role : Java Developer**

**Project Description:**

The project aims at developing an efficient information management system for realtor business, which allows user to store property, customer, seller, and staff details. It will allow users to update, search property details and use them whenever necessary. It will also be able to track all previous records.

**Responsibilities**:

* Participated in Requirements gathering and created Design prototypes using story boards to involve in analysis, design and implementation of the Insurance Purchase System.
* Developed user interfaces using **HTML, CSS, AJAX** and **JSF UI** components.
* Developed **Struts** validation framework and **JavaScript** for validation.
* Implemented and maintained **AJAX** based rich client for improved customer experience.
* Followed Model, View and Controller Architecture **(MVC)** for the project development.
* Used **Spring MVC** Framework to develop Action classes and Controllers along with validation framework and annotations.
* Involved in development of presentation layer using **Spring** framework, and **MVC** design paradigm.
* Worked in implementation of **MVC** design paradigm of **Spring** framework, Object-Relational Mapping **(ORM)** using **Hibernate** and **Oracle** database at the back end.
* Configured **Spring ORM** that provides simplified templates for accessing databases through **ORM** technologies, such as **Hibernate** in our case to access the database.
* Involved in developing **SOAP** and **Restful** Web Services functions to get data from the Mainframe Systems.
* Used **SoapUI** for web services testing.
* Developed **SQL** queries and views for handling database activities in **Oracle/MS SQL** Server.
* Project coordination with other Development teams, System managers, and developed good working environment.
* Used **JBOSS** Server for deploying the application.
* Involved in **Object Analysis**, **design** and **documentation** of the application model using Unified Modeling Language **(UML).**
* Developed Exception Handling framework and used **Log4j** for logging.
* Involved in handling unit testing using **JUnit.**
* Automated the build and deployment process using **ANT** build script.
* Worked with defect tracking system **Bugzilla.**
* Used **SVN** as a version control system and for code management.

**Environment**: **Java SDK 1.4, Entity Bean, Session Bean, JSP, Servlets, JSTL1.0, CVS, JavaScript, and Oracle9i, SQL, PL/SQL, Triggers, Store Procédures, log4j, JBOSSv3.0, Eclipse 2.1.**

**Client: Ecomsi Business Solutions July 2009 - Aug 2010**

**Location: Hyderabad, India**

**Role: Jr. Java Developer**

**Project: Customer Care Management System**

**Project Description:**  Our project is about Customer Care Management System. An effective complaints management system is integral to providing quality customer service. Using this service users can submit their feedbacks, register complaints, address their problems etc. Managing all customer conversations in one place which are received from multiple sources like email, phone and social media. This service helps the organization for improving its services and business relationships with customers.

**Responsibilities:**

* Involved in various phases of Software Development Life Cycle (SDLC) of the application like Requirement gathering, Design, Analysis and Code development.
* Developed java modules implementing business rules and workflows using Spring MVC, IOC, and Web Framework.
* Developed the Product Builder UI screens using **AngularJS, NodeJS, HTML5, CSS, JavaScript and Bootstrap.**
* Worked on development of Hibernate, including mapping files, configuration file and classes to interact with the database.
* Connected the **Oracle** database using **JDBC**, **Data Sources and Connection Pooling** in **Application Server**
* Created and **modified** **Database** **Queries** when required for change requests
* Performed code reviews and provided guidelines for best practices of software management, Coding Standards and Code Commenting for better understandability.
* Used **Spring Boot** which is radically faster in building cloud Micro services and develop spring based application with very less configuration.
* Unit testing of developed product features using **JUnit** and **Mockito frameworks** as part of development cycle.
* Implemented UNIX utilities using shell script for data validation, manual job submission, restarting failed jobs, etc.
* Developed **REST services** using spring and Jersey based JAX-RS implementation.
* Secured the REST services using Spring Security and **OAUTH framework** and created documented REST services using **Swagger**.
* Actively involved in deployment Application war files in WebLogic Application server.
* Used Oracle database for **SQL, PL/SQL scripts, stored procedures, functions, triggers, Oracle forms/Reports, Performance Tuning and Optimization**

**Environment:**  **Java, J2EE, Spring, Spring MVC, Hibernate, Oracle DB, AngularJS, NodeJS, Bootstrap, CSS, HTML5, JavaScript, jQuery, AJAX, GIT, IntelliJ IDEA, AWS SNS/SQS, Tomcat, Maven, JIRA, SOAP/Restful Web Services, WSDL, Spring Based Microservices, Linux, Jenkins.**

**EDUCATION:**

Bachelor’s in Computer Science.

**REFERENCES: Furnished upon request**