**Chaitanya Vejendla**

**Senior Android Developer**

**cvejendla@outlook.com**

**(214) 995-0977**

**SUMMARY**

* Around **7 Years** of Experience in software development, which includes Java development and3 Years of Experience in Android.
* Adept in programming languages like **C, C++, Python** and **Java** with hands on experience in developing Android Enterprise Applications for mobiles and tablets using **Android Studio**, **Eclipse**, **Android SDK** and **ADT development tools**.
* Proficient in all phases of software development with extensive experience in SDLC (Software Development Life Cycle).
* Worked with agile software development teams with everyday scrum meetings.
* Strong front-end UI development skills using scripting languages like **JSP, HTML, JavaScript, JQuery** and **CSS**.
* Strong experience with performance improvement and memory leaks in Android.
* Active Experience in developing Android Applications using **Core Java** and **Android APIs (Data Storage, Content Providers, Google Maps, Connectivity, Location and Notifications).**
* Integrated many productivity tools like **Resharper** and **Style Cop**.
* Developed Web Service and inter process communication applications using **Java, SOAP Framework, JSON and REST API’s.**
* Worked with cross platform teams across projects to gather dependencies and project planning ahead of every sprints.
* Build and deploy code, using tools such as **Gradle** and **Maven**.
* Performed the role of Scrum masters in every team.
* Strong database skills in **Oracle 9i/10g/11g, DB2** and **MySQL** and Expertise in programming with **SQL, PL/SQL** and **Stored Procedures**.
* Write clean and clear code and expert in finding and fixing crashing bugs.
* Experienced in developing Client and Web (Internet and Intranet) based applications with JEE, JSP, Servlets, JDBC, Struts, spring, hibernate frameworks.
* Experience in working with Unix, Linux and Windows operating systems.
* Actively participated in bug triages and tracking customer feedback and user case studies into product implementation.
* Experienced in designing, developing and deploying JEE applications on Tomcat web server and web logic application server.
* Exposure to interaction between various devices and different versions of Android.
* Proficient in database design and management system, and influence design in real time projects.
* Built and maintained various web-based projects in IT infrastructure Worked in small, intimate teams with quick turn-over rates.

**TECHNICAL SKILLS**

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| --- | --- |
| **Operating Systems** | Unix, Linux (Ubuntu), Windows 2000, XP, Vista, 7. |
| **Web technologies** | JavaScript, XML, HTML, CSS, JQuery, AJAX. |
| **Languages** | Python, C, C++, Java. |
| **Frameworks** | Django, MVC, Android SDK |
| **Database** | Oracle, SQL SERVER 2008, MYSQL, IBM DB2 9. |
| **Internet Programming** | HTML, XML, CSS, AJAX, JSON, Web Services (SOAP/REST). |
| **Software Tools** | Make, GDB, Purify, NetBeans, Eclipse, MS Visio, Val grind, Android Studio. |
| **Version Control Tools** | SVN, GIT. |

**Professional Experience**

**American Airlines, Dallas, TX May 2015– Present**

**SR-Android Developer**

**Description:**

A mobile application where people can check flight status, book flights, find trip and check-in, track bags, terminal maps and lot more required by a traveler. Travelers can also login into their account, enroll in AAdvantage program and also check their loyalty points have class upgrades and many more in the mobile devices. Travelers can also use the mobile app for directions from one terminal to other from the terminal map section.

**Responsibilities:**

* Involved in application architecture design.
* Drafted full project planning for Application including all aspects of development.
* Created interface for android native and hybrid implementation.
* Front-end to back-end development.
* Consumed web services and Implemented Http Communication using **JSON** Data.
* Implemented the modules in the framework which is used by the entire application.
* Developed Complete Administrator Management Portal, which contains User Management, Reports, Alerts Management, News Management, Service Downtime Management, and Ad Management which provides the interface for Mobile Banking Application.
* Developed backend communication using **REST API** WebService for Banking Services, Credit Card services, Value Added Services, Loan Service, Deposit Services, Overdraft Services and developed application for Android Devices.
* Implemented **JSON** and **REST API** web service calls for data parsing and server interaction.
* Used **Google Maps** for faster navigation to Terminals and information to user get there.
* Notifying the user regarding any travel updates, special offers, automatic logout for security purposes and app version update by working with the **Notification Service**.
* Developed custom UI by drawing on the **Canvas** using native Android SDK API.
* Developed the app for all previous versions currently in use. The current versions of Lollipop, Marshmallow and Nougat are also supported.
* Implemented **Fragmentation** for levels of variation range from differences in device hardware such as display resolution and size.
* Exposure to working with secure connections with server by using the Secure Socket Layer and a protocol consisting of XML messages between the client and the server.
* Test cases were prepared by using the Android **Junit** extension.
* Implemented User Interface for supporting phones and tablets.
* Developed update patches, modules and components for different applications
* Followed **agile methodologies** for implementing the project successfully.

**Environment/Tools: Windows XP, MAC, Android 2.0, 3.0, 4.0, 5.0 versions, Java, Android SDK, ADT 21.1.0, Notification, Shared Preferences, Fragments, JSON, REST API (XML), MySQL, HTML5, JavaScript, CSS, Eclipse 3.6, Perforce, MAVEN, XML, Multi-threading, SQLite3.**

**Optum, Minneapolis, MN**

**Nov 2013 – April 2015**

**Android Developer**

**Description:**

A mobile application for customers to order or refill prescriptions . The customers can also use the app to locate pharmacies. Each customer has a list of medicines being used and can look at it anytime on the mobile and can be used to order refills.

**Responsibilities:**

* Requirement Analysis, Module level designing, UI design, Development and Deployment in the marketplace.
* Developing technical specifications and plans.
* Collaborated with **web services** team to implement the backend support.
* Used **Junit** for testing purpose.
* Exposure to working with secure connections with server by using the Secure Socket Layer and a protocol consisting of XML messages between the client and the server.
* Used Eclipse memory analyzer.
* Worked with **REST API** Web services and used **JSON** web services to call servers for accessing the remote data and parse using **GSON** parser.
* Implemented immediate **notifications** and **alerts** using Notification bar and push notifications.
* Implement Tab Navigation
* Worked on user logins by using **shared preferences**.
* Notification service to inform the user about claiming file successfully, lucrative offers and version update
* Implemented dynamic table structure for some screens.
* Used **Google Maps** for faster searching of pharmacies in pharmacy locator and navigation information for user to get there.
* Extensive use of Gallery functionality is a challenge that we faced since it usually throws Out of Memory Exception.
* Developed the app for all previous versions currently in use. The current versions of Lollipop.
* Developed new screen GUI widgets, layouts, custom lists, custom layouts, custom adapters & pixel perfect UI for LDPI, MDPI, HDPI and XHDPI devices.
* Integrated client side application with server API via asynchronous tasks.
* Responsible for designing distinctive screens for tablet optimization and a cleaner layout.
* Used Intent Integrator for using the QR codes and **Camera API** for accessing the camera to use the QR code.
* Implemented **Shared Preferences** for the customers to retrieve their application preferences.
* Implemented **Singleton** design pattern to pass through the object into different fragments.
* Implemented **Fragmentation** for levels of variation range from differences in device hardware such as display resolution and size.
* Worked with **Navigation Drawer** for better connectivity within the app.

**Environment/Tools: Windows XP/7, Android 2.0, 3.0 versions, Java, Android SDK, ADT 16.0.0, Eclipse 3.6, SVN, REST API (XML), MySQL, Shared Preferences, JavaScript, CSS, XML, SQLite3, Notification.**

**FPX, Dallas, TX**

**Nov 2011 – Oct 2013**

**Java Developer**

**Responsibilities:**

* Understood functional specifications, designing and developing creative solutions to meet business requirements.
* Participated extensively in writing Use Cases and generated Class, Sequence diagrams for Designing using **UML**.
* Experience in various methodologies like **Agile** and **Test Driven Development**
* Worked with Collections API and Java threads (**Multithreading, synchronization**).
* Developed parts of the web application (including configuring **Spring, Hibernate, Struts, build-scripts** etc.) as part of a larger team.
* Gained experience in client side Technologies such as HTML, CSS, AJAX and JavaScript.
* Heavy use of server side to application interactions and vise-versa, via Ajax calls.
* Exposure to various webservers such as on **Apache Web Server and Tomcat.**
* Integration with the back end system with web services using **REST API’s and SOAP.**
* Implemented HTTP Session Management
* Developed **JSP** as the view, Servlets as Controller and **EJB** as model in the Struts Framework.
* Worked with **JUnit** and Ant for testing, building and logging information.
* Designed and implemented the UI using **JQuery, JavaScript and CSS** style sheet.
* Exposure to various webservers such as on **Apache Web Server and Tomcat**
* Ensure enhancements/ requirements meet established quality and end user needs.
* Involved in bugs recording, bug fixing, code review and other maintenance of the application.
* Worked closely with various departments to ensure that our software delivered the greatest experience with the end user.

**Environment/Tools: Java, JavaScript, C/C++, Windows XP, Eclipse, JDBC, XML, Oracle/SQL, PL/SQL, Web Services, Spring, Hibernate, Apache Ant, UML, HTML, CSS, CVS, SOAP, JUnit, Ajax.**

**24/7 Customer Pvt Ltd, Hyderabad, India**

**Oct 2010 – Oct 2011**

**Java Developer**

**Responsibilities:**

* Participated extensively in writing Use Cases and generated Class, Sequence diagrams for Designing using **UML**.
* Written java classes for developing user interface by using **OOPS concepts, multi- threading, inheritance, polymorphism and collection API.**
* Used **XML parsing** techniques for data handling and **JavaScript** front-end pages.
* Used **SOAP** Technology for exchanging the XML schemas using **HTTP**.
* Exposure to HTML and JavaScript while developing web pages.
* Experience with scripting languages such as Unix Shell and **Python.**
* Worked with Collections API and Java threads (**Multithreading, synchronization**).
* Created databases using **Oracle10g/SQL.**
* Involved in Peer reviews and Code walkthroughs.
* Implemented the **MVC** controllers to control and divert the inflow of the request to appropriate underlying DAO implementation classes.
* Developed scenarios for unit and Integration testing to ensure that all the components working correctly when integrated.
* Involved in developing the backend using core Java and JDBC queries in Oracle.
* Extensively used the Spring-MVC framework and integrated it with Hibernate in a single configuration file.
* Active participation in Bug fixes and application performance enhancement
* Exposure to Linux range of operating systems.
* Used **Log4J** and **jdbc4j** for logging and tracing the application messages and jdbc stmts.
* Improved exception handling mechanism, logging and improved the performance using log4j.
* Assisted **QA process** in test cases preparation, execution and fixing of bugs.
* Communicated the issues and progress to project manager.

**Environment/Tools: Java, Python, JavaScript, Windows/Linux, Eclipse, Oracle10g, Web Services, UML, HTML, CSS, CVS, XML, SOAP, JUnit.**

**Client: SDEV Technologies, Hyderabad, India**

**Aug 2009 – Sept 2010**

**Java Developer**

**Responsibilities:**

* Involved in analysis, design and development of the system components.
* Developed server side applications using **Servlets, EJBs, and JDBC**.
* Written java classes for developing user interface by using **OOPS concepts, multi- threading, inheritance, polymorphism and collection AP I.**
* Used Ant for automating the build process of java applications and components.
* Used JMS for communicating various clients and its components, here the various clients even include other banking clients.
* Used JUnit for Testing.
* Used **Web Services-WSDL** and **SOAP**
* Extensively configured the build files to different Environments
* Extensively used **XML** documents with **XSLT** and **CSS** to translate the content into **HTML** to present to GUI.
* Developed Session Beans which encapsulates the workflow logic
* Developed EJB components for middle tier component implementation and business logic implementation.
* Used Struts the MVC framework for building web applications.
* Developed web pages using HTML, CSS, and Java Script.
* Developed SQL database scripts and written Stored Procedures and Triggers.
* Created User guide and application support document.
* Assisted **QA process** in test cases preparation, execution and fixing of bugs.
* Involved in regression testing, evaluating the response times, and resolving the connection pooling issues.

**Environment/Tools: J2EE, Java, JDBC, Java Servlets, EJBs, Oracle, HTML, SQL, WSDL, SOAP, Eclipse, Struts.**

**EDUCATION:**

Bachelor of Technology in Computer Science Engineering, Gitam University, Visakhapatnam .