**KRISHNA**

**SUMMARY**

* Strong experience in mobile development using Google Android platforms.Developed and designed multiple Android applications across versions, good understanding of current Android UI guidelines/ material design concepts.
* Expertise in developing applications for Android Operating System using **Eclipse IDE**, **JAVA**, **XML**, **Android SDK/NDK , JNI** and **ADT plug-in.**
* Strong knowledge of Android basic components i.e. **Activity**, **Fragment**, **Service**, **Broadcast Receiver** and **Content Provider**
* Experience with**Android PDF**, **Android APIs** (SMS, Content Provider, Google Maps API, SQLite, Web View, Bluetooth Stack).
* Experience with **Android adapter** viGood knowledge in Google video library and YouTube playbacks and App Widgets Framework. Experienced in List View, Grid View and Gallery.
* Experience in development and deployment of multi-tiered web based enterprise applications using**J2EE technologies** like **Servlets 2.3/2.4, JSP 1.2/2.0, EJB 2.0, Struts 1.1/1.2, Hibernate 2.0/2.3/3.0, Spring1.2/2.0, JDBC, JNDI, JMS,JPA, Java Beans and Web services (SOAP, WSDL** and **UDDI).**
* Experienced in server side Business Logic Development using **Session and Entity Beans**and **Message Driven Beans.**
* Efficient use of various design patterns such as **MVC (**Model-View-Controller), **Singleton**, **Service locator**, **DAO** (Data Access Object), **DTO** (Data Transfer Object), and **Business Delegate** in the development of distributed Enterprise Applications.
* Extensive experience in **JSF, JSP, Struts Tiles** and **Display Tag** for User Interface Development.
* Applied **JSF** along with **AJAX** for the front-end development. Applied JSF for the enhancement of the UI application.
* Used **JQuery** for the purpose of validation functions of various applications.
* Experienced in client web technologies such as **HTML, DHTML, CSS, XML, JavaScript and AJAX**.
* Experienced in analysis, design, development, deployment, testing and support of Client Server Systems and Web Applications.
* Expert in Software Development Life Cycle (SDLC), object oriented analysis and design methodologies. Strong experience with version control and defect tracking processes.
* Experienced working with **AGILE** and **SCRUM** methodologies.

**EDUCATION**

* Master’s degree in Applied Computer Science at North West Missouri State University in Maryville, MO.

**SKILLS**

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| --- | --- |
| **Development Technologies** | C, C++, Core Java , J2EE, EJB, JSP, Servlet, JMS, DOM, JNDI, Struts, Ant, UML, JDBC, XML Schema, XML, Swing, Java Beans, Spring, Hibernate, CSS3 |
| **Web/Application Servers** | Apache Tomcat 8.0 |
| **Web Presentation** | JSP, Servlet, JavaScript, HTML, DHTML, CSS, XML, XSLT |
| **Operating Systems** | Windows XP/Vista/7/8, Linux, Mac OS X |
| **Databases** | Oracle, MySQL |
| **Tools** | Android SDK2.X/3.X/4.X, Android studio, Eclipse IDE 4.4, MS Office 2013, Photoshop, Net Beans |

**WORK EXPERIENCE**

**Abbott Diabetes Care, Alameda, CA Dec’15 – Current**

**Android Developer**

Abbott is a global leader in diabetes care and constantly improves the glucose monitoring process with diabetes products that are easy to use and highly accurate. The current application supports continuous glucose monitoring for diabetes management plan which improves the way patients and professionals measure, track, and analyze glucose levels.

* Responsible for analyzing the requirements of application, testing, stage and worked as lead Android developer.
* Developed **App screens** and its workflow using Activity and Fragments.
* Customized different **widgets** that include Buttons, Toast's and Dialog's.
* Extensively worked on designing the layouts to be compatible with multiple screen sizes
* Responsible for testing the application in stage, code review fixing the bugs.
* Developed rich UI for the most of the modules in the application using **ListView, ScrollView, ViewPager and Navigation Drawer**.
* Designed **custom dialogs, custom notifications** for displaying the generated
* Implemented the main logic's like glucose value calculations and showcasing in the graph.
* Implemented report generation and downloading in pdf formats.
* Responsible for adding the **About**module for checking the latest version of app.
* Maintained interface guidelines and implemented Fab Button using material design.
* Implementing Date picker, Time picker and surface view.
* Tested the application on various Android devices.
* Used **GIT** for code repository and maintaining current and historical versions of the source code.

**Environment:** Android SDK, EGit , Android Studio

**Ashvins Group, FL Oct ‘15 - Nov’15**

**Android Developer**

Ashvins Group specializes in IT consulting and staff augmentation within the healthcare and medical device industries. The current application supports Diabetes Data Management including a Bluetooth LE interface to blood glucose meters to provide auto sync of data plus a suite of graphical reports to summarize trends.

**Google** Play Link:https://play.google.com/store/apps/details?id=com.niprodiagnostics.tmair&hl=en

* Implemented **PDF reports** based on UI reports.
* Debugged graphical reports developed with **Telerik tools**.
* Implemented application translations.
* Worked with the development team and test team to address time critical defects.
* Used GIT for code repository and maintaining current and historical versions of the source code.

**Environment:** Android SDK, EGit , Android Studio, Telerik

**Xerox Corp, Webster , NY May ‘15 - Sep ‘15**

**Android Developer**

Xerox is the world’s leading enterprise for business process and document management. The company provides Managed Print services and centralized Print services to support its renowned customers. The current application provides a consumer-facing interface for print or scan documents on supported android tablet attached to Xerox machine.

* Followed the Agile and Scrum methodologies in the project implementation.
* Had been part of sprint planning and communicate with other management, engineers, product managers and support specialists on product issues.
* Implemented functionality part by using api of third party libraries like **PDFTron , Aspose** etc.
* Interpreted the wireframes and created layouts and functionality according to it.
* Implemented**Async** task and Handlers to get the server response.
* Implemented Print Settings dialog to preview documents before printing.
* Worked on **PageonClickListener()** to display specific pages.
* Developed the Splash screen and Navigation Drawer with **ImageView and ListView.**
* Made custom alerts to display the multiple alerts in full screen .
* Implemented REST services, getting JSON response and parsing them to get the required information.
* Worked on Password and Email validation.
* Implemented the payment system using NFC.
* Worked on the Camera feature to capture Gift cards and Loyalty cards.
* Integrated **APIs** in Settings Menu for itemized display of the user's preference.
* Used GIT for code repository and maintaining current and historical versions of the source code.

**Environment:** Android SDK 4.4, EGit 3.4.1, Android Studio

[**The Wall Street Journal,**](https://market.android.com/details?id=wsj.reader_sp&feature=search_result) **NY Nov ‘13 – March ‘15**

**Android Developer**

This is a newspaper application where the news will be updated 24/7 and the user can have a full-multimedia experience with interactive graphics, vibrant photo slideshows and high-quality video.

**Google** play Link: https://play.google.com/store/apps/details?id=wsj.reader\_sp

* Responsible for design and handling the **SQLite** database functionality for the application.
* Responsible for designing the Login screen UI and handling the Authentication with backend servers.
* Created **App Widgets** (miniature applications) which are embedded in other applications like Home screen and can receive periodic updates.
* Used The UpdatePeriodMillis attribute to defines how often the App Widget framework should request an update from the AppWidgetProvider by calling the onUpdate() callback method.
* Worked on C/C++ code and linked to NDK to increase the speed of the application.
* Used Native NDK to support Native development based on android SDK for memory management , performance and code reusability.
* Followed the Agile and Scrum methodologies in the project implementation.
* While writing **HTML5** Used ionic and custom html5 elements to create and use widgets framework.
* Interpreted the wireframes and created layouts and functionality according to it.
* Responsible for video streaming of Top five news using Media Controller by displaying them in video view.
* Created interface with underlying platform and hardware like Camera, Sensors etc by using JNI in classes of Android Application Framework .
* Responsible for implementation of Generic Bluetooth HAL using Bluetooth Stack and also customized it.
* Implemented **Async** task and Handlers to get the server response.
* Developed the Splash screen and Navigation Drawer with **ImageView and ListView.**
* Implemented REST services, getting JSON response and parsing them to get the required information.
* Responsible for getting the auto horizontal scrolling dynamic headlines using view pager at the top for every screen in the application.
* Responsible for implementing the media bucket through which the images and videos are displayed on the screen.
* Worked very closely with the UI design team in getting the image assets, screens and app icons.
* Tested the application on multiple android devices and debugged the issues using Logcat and DDMS.
* Responsible for deploying the app to the Android Marketplace and supported the app for different releases of Android OS.

**Environment:** Android SDK 4.4, SVN 1.8.7, PHP 5.5.12, MySQL 5.6, Eclipse IDE 4.3.

**HSBC Software Developments, INDIA May ‘12 – Aug ‘13**

**Depository and Banking Services / Retail Authorization System**

**JAVA Developer**

Retail Authorization System Processes electronic transactions for HSBC customers at ATM's as well as point-of-sales (POS), point-of-banking POB locations, and HSBC's Telephone Bill Pay service Settlement and statistical reporting is provided. ATM transactions supported in interchange generally include withdrawal, transfer, and balance inquiry. POB facilities add support for deposit and check cashing transactions. POS transactions include purchase, purchase pre-authorization and merchant return. The Bill Pay service supports transfers and bill payments through a voice response unit (VRU) run by NYCE/MASTERCARD.

* Involved in analysis and design of the several modules in the Project.
* Created use case diagrams, class diagrams, sequence diagrams, deployment diagrams.
* Designed and developed technical specifications using design patterns and OO methodology.
* Developed presentation tire using **HTML, JSP, Java Script, JSF.**
* Involved in the configuration, development, and deployment of EJBs, and **JSPs** &**Servlets in Web logic** Test Environment
* Developed **Database Access Objects (DAO)** using the Spring Hibernate Support and using Hibernate Query Language (HQL).
* Developed the **java beans (POJO)** to represent the model classes and mapped them to the tables using the Hibernate Mapping files.
* Implemented the Control Layer by using Struts Actions classes like Action, Dyna Action, and mapping Dispatch Action classes
* Designed and developed Session Beans for implementing Business logic.
* Involved in all phases (Unit/Integration/System) of testing.

**Environment:** Java Server Pages (JSP), Struts 2.0, JSF, JavaScript, Java, Spring, Web Services, EJB, Servlets, SOAP, XML.

**Kansas Tech, India Aegis Jan ’11 – Mar ’12**

**JavaDeveloper**

This project is initiated by the Quality department of Aegis as an internal requirement to track the Reporting of the software developers and capture the metrics there by and analyze the same for the future Requirements as part of quality function.

* Involved in various stages of the project life cycle primarily design, implementation, testing, deployment and enhancement of the application.
* Involved in designing the system based on UML concepts which include data flow diagrams, class diagrams, sequence diagrams, state diagrams using Rational Rose Enterprise Edition
* Designed and developed web pages using **JSP, HTML** and used **JavaScript** for client side validation
* Involved in design and development of the application in n-tier fashion based on **MVC** architecture standards and utilized Struts frame work.
* Developed data model and stored procedures.
* Developed Servlets to process update information.
* Used **JDBC** for communicating with the database.
* Responsible for maintenance and production support of the application documented design and functional aspects of the application

**Environment**: Java, JSP, Servlets, Java Beans, MVC, JMS, EJB2.0, Weblogic8.1, JavaScript, ORACLE8i, HTML, DHTML, XML, Windows

**Trident Software, India Vodafone Nov ’09 – Dec’10**

**Java developer**

The project is updating of existing web application of Vodafone customers to view and pay their bills over the Internet. This framework has different modules, like Enrollment for Online Billing, Payment Options, Payment Schedule Options, Payment Delivery Options, Payment History, E-mail Notifications and Integration to the SSO Framework (Single Sign-on).

* Involved in various stages of Enhancements in the Application by doing the required analysis, **development, and testing**.
* Developed logic and code for the registration and validation of the enrolling customer.
* Performed client side validation using JavaScript. Validation from client side was done using JavaScript.
* Developed web-based user interfaces using Servlets, **JSP, HTML, and XML** based client and server application.
* Integration of front-end with Oracle database **using JDBC API** through JDBC-ODBCBridge driver at server side.
* Responsible for the development of database **SQL queries.**

**Environment*:*** Java Servlets, JSP, Java Script, XML, HTML, UML, Apache Tomcat, JDBC, Oracle, SQL Windows