**Karthik**

**Android Developer**

**karthikmobiledev74@gmail.com**

**Cell: 224-764-0240**

**EXPERIENCE**

Graduate studenthaving 4+ years of experience in Java based applications. Developed and architected multiple Android applications across versions. I have a good understanding of **Android** **Back-end** and **UI** guidelines.

* Experience in Android **UI toolkit** and **Layout Managers**. Proficient in Android application framework. Experienced with **Android SDK** tools.
* Proficient in Android applications development involving User Interface development, **Notifications, Content Provider and Services.**
* Expertise in developing apps using **SQLite**, **Java**, **XML** and **HTML5**
* Able handling **JSON** and XML **HTTP** requests from web services and parsing responses using native implementations and third party libraries.
* Extensively worked on memory leaks**, push notifications, content providers, multiple screen support, data offline usage, accounts and sync on Android.**
* Expertise in Android application development using **Eclipse IDE, Android SDK, SQLite, Java, XML, JSON, Android emulator and ADT plug-in**
* Experienced in Bluetooth.
* Experience **with audio features, video features, graphics design, interactive design and animation**.
* Have developed applications in such a way that device adaptability (Android device forms and SDK levels) is default architecture imperative.
* Expertise in **Object Oriented Architecture**, **Design** and **Programming** from design to implementation.
* Experience in designing automation frameworks for Junit testing.
* Experience in working with web technologies like **HTML5**, **CSS**, **Ajax**, **Jquery** and **JavaScript.**
* Knowledge on Bluetooth applications and applications handling NFC features.
* Extensively used tools for logging the bugs, defects, tracking defects.
* Good communication skills: I have interacted with customers regularly during development of the mobile applications.
* A self-driven, goal oriented, customer focused software professional with proven ability to successfully work in all phases of Software development lifecycle.

**EDUCATION QUALIFICATIONS**

**M.S in EE**

Texas A&M University Kingsville, Kingsville, TX **GPA:** 3.1

**B. Tech in ECE**

Koneru lakshmaiah University, Guntur, A.P, India. **GPA:** 3.2

**TECHNICAL SKILLS/PROFICIENCIES**

**Languages**  JAVA, C, C++, Objective-C, JavaScript, PHP, JSON, JQuery

**Application Servers** WebSphere 6.0

**IDE**  Eclipse 3.x , 4.x, Android Studio Eclipse, Visual Studio

**Web Technologies** HTML, CSS, AJAX, JQuery, Phone gap

**OS**  Android, Windows (NT/2000/XP/Vista/7/Server 2008), UNIX

**RDBMS** SQLite 3.6, Oracle 9i/10g/11g, MySQL 4.0/5.0/5.5

**Concepts** OOPS, Design Patterns

**Web Servers** Tomcat 6.0 Apache HTTP Server

**Design Tools** Dreamweaver, Illustrator, Photoshop, Flash

**Work Experience**

**TIAA-CREF, Chicago, IL April 2015 – Present**

**Role: Android Developer**

**Description**:

TIAA-CREF is a leading financial services organization with $440.7 billion in combined assets under management (as of 9/30/11). The firm is a leader in helping those in the academic and research; medical, cultural and governmental fields plan for and live in retirement.

**AppLink:** https://play.google.com/store/apps/details?id=com.mfoundry.mb.android.mb\_081086700&hl=en

**Responsibilities:**

* Good understanding in applying System Development Life Cycle **(SDLC)** and Object-oriented analysis and design **(OOAD)** for applications.
* Involved in requirement gathering, UI design and development.
* Strong Experience with core **Java**, native Android development and SDK.
* Used Android SDK and **Eclipse IDE** for development
* Knowledge with Content providers and Content resolvers.
* Hands on experience in designing and developing Custom **UI** components, Widgets for Android with varying form factors.
* Developed the app to adapt to different orientations and various resolutions (Idpi/mdpi/hdpi)   
  based on the device.
* Expert knowledge in Web Services, **JSON,** **Eclipse IDE, SQLite database, Activities, Services,** **Broadcast Receivers, UI Designing, ADT plug-in.**
* Experience in building source code, troubleshooting issues, communicating and resolving related issues occurring during the phases of the project.
* Have understanding of scaling **Android UI** across multiple Android devices.
* Knowledge of different versions of Android and how to tackle OS version specific issues.
* Proficient with common **Android framework APIs** **(Location, Camera, Notifications, Maps)**
* Worked with UX Designers, Architects & Developers to build enterprise mobile solutions.
* Experience with Framework customization, porting and Application development.
* In-depth knowledge of Android framework, application development and memory management.
* Experience in porting applications to multiple **Android OS versions** and multiple form factor based devices like Handsets, Tablets and Android based hardware's.
* Experience in using **Java, Android SDK,** and **ADT** Plug-in.
* Good understanding of **SOAP** Web Services, **XML Parsing** and **JSON.**
* Extensive design and programming experience with web technologies like **Java Script, HTML5, CSS, JQUERY, J2EE, JSF, and AJAX.**
* In-depth knowledge in database development using **SQLite, SQL Server.**
* Strong analytical and problem-solving skills coupled with excellent documentation, verbal and technical skills, strong skills of communication and ability to acquaint to fast changing skills.
* Passionate on learning and exploring new skills and strong willingness to learn new technologies.

**Environment:** Android SDK 3.0, SQLite, Eclipse IDE, Android API's, JDK, XML, JSON, HTML, CSS, SQLite, GPS service, Logcat.

**Wipro, Hyderabad, India May 2013 – Aug 2014**

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**Coign Inc, India Apr 2011 – Mar 2013**

**Role: Intern**

**Application on Database and Android:**

* Developed a Database for the library management system with an access to the librarian and to the users. Developed the Front end using the JSP and the backend with the drop database linked with the Apache server which helped as the interface.
* Database project also includes the branches and the no of copies of each book the branch has and their availability.
* Developed an application for Blood donation for android users which involves different modules for donors, recipients, doctors and blood banks. Website version has been developed before the Android version.