**Kranthi**

**Summary:**

* Around8years of extensive experience in Software Development Life Cycle (**SDLC**) enterprise application design, development, testing, debugging, documentation, deployment and integration of different software applications.
* Around **4+ Years** of professional experience as **Android Developer**.
* Published a couple of my own applications on **PlayStore**, which were implemented with Push Notifications, Web Services, fragments, RecyclerView, location Services, Camera, storing photos and Videos, Parcelable Data, supporting multiple screens.
* Involved in developing Android Applications using **Core Java** and **Android APIs** (**Data Storage, Content Providers, Connectivity, Location and Notifications**).
* Designed and built an Android persistence framework for serialization (**JSON**) and database access that is technology-agnostic (**SQLite**, MySQL, etc.)
* Good Programming Skills and Hands on experience in developing Android Enterprise Applications for mobiles and tablets using Android SDK and ADT tools.
* Experience in using third party libraries and **GitHub**.
* Experience in Android **UI Toolkit** and Layout Managers.
* Experience working on latest **Android SDK’s material design**.
* Expertise in using Java Threads (**Multi-threading, Synchronization**), **Annotations, Generics, Collections API and TCP/IP Sockets.**
* Extensive knowledge in designing front-end applications, accessing **SQL database**, application layer protocols, and **XML**.
* Hands on experience in object oriented designing such as **Encapsulation, abstraction, Polymorphism, Cohesion and Coupling.**
* Write clean and clear code and expert in finding and fixing crashing bugs.
* Proven ability to work efficiently in both independent & team work environments.
* Strong analytical focus and good practitioner of **design patterns**.
* Working knowledge of graphic design, audio and video features and handling various kinds of media using Photoshop, Flash.
* Experience in developing test cases and test plans besides involving in **Unit testing**, **Integration testing** and **User Acceptance testing** extensively.
* Hands on experience on .**Net** and visual studio.
* Innovative team player to enrich the existing functionalities/apps with innovative ideas.
* Quick learner with ability to rapidly achieve organization integration.
* Experience with Software Development Methodologies like SDLC, Object Oriented Analysis and Design (OOAD), Agile Software Development, Scrum Methodology.
* Possess very good communication skills and known for presentations.
* Familiar with **Node.js** and **Docker**.
* Worked on Various Networking API’s OkHttp, Retrofit, Volley, AsyncTask and also on other API’s like Picasso, ButterKnife, Places API, Google Services, Facebook, Instagram, GSON, Jackson.
* Familiar with various Automation testing frameworks like **Espresso, Robotium**, **Appium**.

**Technical Skills:**

|  |  |
| --- | --- |
| **Languages** | Java, C, C++, C#, Visual Basic, PL/SQL |
| **Mobile Technologies** | Android SDK, J2ME |
| **Web Technologies** | HTML5, JavaScript, CSS3, UML, XHTML, Ajax, XML |
| **Third Party API’s** | OkHttp, Retrofit, Volley, AsyncTask, Picasso, ButterKnife, Places API, Google Services, Facebook, Instagram, GSON, Jackson |
| **Web Services** | REST,JSON,XML |
| **DATABASE(S)** | Oracle 11g/10g/9i/8i, SQL Server 2005/2008 My SQL, MS-Access, DB2. |
| **Web Server** | Oracle 11g/10g/9i/8i, SQL Server 2005/2008 and Sybase, My SQL, MS-Access, DB2. |
| **Software Packages** | MS Office 2010, MS Visio, MS Front Page. |
| **Touch IDE** | Eclipse, Android Studio, Net beans, Dreamweaver |
| **Source Control** | Sub-Version (SVN), Clear Case, CVS/PVS and VSS (Visual Source Safe), Git, GitHub. |
| **Operating System(s)** | Mac, WindowsNT/2000/2003/XP/7 And Linux(Ubuntu) |
| **Web-service Framework** | Apache Axis, SOAP, WSDL, REST, JAX-RS, JAX-WS |

**ANDROID SKILLS:**

* Activity / Fragments
* Material Design
* Custom UI and Views and Animations
* Support Libraries
* Service (Service, Intent Service)
* Broadcast Receiver
* Notification Manager
* Location Manager
* Google Play Services
* GCM Push Notification
* Google Maps (API V2)
* Shared Preferences
* SQLite Database
* Content Providers
* Media and Camera
* JSON parsing (GSON /JACKSON libraries)
* XML parsing. (SAX, DOM, Pull Parser)
* Multithreading (AsyncTask, Loaders, Lazy Loading, Threads and Executor Framework)
* REST / SOAP / Multipart Webservices
* Various Open Source Libraries (ButterKnife, Retrofit, Picasso, Volley etc.)

**WORK EXPERIENCE:**

**Clemson Athletics, Seneca, SC Sep 2015 – Till date**

**Senior Android Developer**

**Description:** Working with the Clemson Athletics. With the Clemson Athletics App, you can watch On-demand Videos with HD quality powered by ClemsonTigers.com with live audio. You can find the latest news, schedules, Rosters and scores for the Clemson Sports form mobile only.

**Roles & Responsibilities:**

* Engaged in creating the technical and functional specification documents from the requirements from BA.
* Developed update **patches**, **modules** and **components** to mitigate security risks.
* Used **Retrofit** and **Jackson**.
* Extensively used fragments and **EventBus** for communication.
* **Stash** usage for **VersionControl**.
* Communicated effectively with stakeholders to manage expectations.
* Used **Github** for version control.
* Used **Retrofit**for making network calls.
* Worked on creating Vector drawables using Vector Assert Studio.
* Used **ViewPageranimations** for displaying Weekly Ad Promotions.
* Used **RecycleView (Grid)** and **CustomView** for displaying products.
* Implemented **Dialogfragment** for displaying product details on selection.
* Implemented **checkableListView** for making multiple selections.
* Developed Cart functionality using **singleton design Pattern**.
* Agile Practices were carried out on **Jira**.
* Worked with **AndroidStudio V2.0** IDE and **Gradle** build system
* Extensively consumed rest services from staples API’s like EasyOpen, EasyOpen2 and ShopLocal
* Implemented **Ink and Toner** Search feature using Easy Open API, also performed look up by rewards number or phone number.
* Adhered to best practices of Android Application Development.
* Also worked with **OkHttp** and **ButterKnife** libraries

**Environment/Tools:** Android 2.0, 3.0, 4.0, 5.0, 6.0 versions, Java, Android SDK, Android Studio, Version one, Slack, Gradle, Stash, Jira, Confluence, Retrofit, Jackson, EventBus, Source Tree, Jabber.

Read More On...

https://play.google.com/store/apps/details?id=com.neulion.android.collegesports.clemson.premium&hl=en

**Avaya Communications, Fort Worth, Texas Jan 2015 – Sep 2015**

**Senior Android Developer**

**Description:**Avaya Communicator for Android, deals with VoIP calls, concealing your mobile Phone number, Cellular voice integration, Visual voice mails, Single number contact, Corporate Directory Access, Presence status, VoIP call Recovery when changing the Networks.

**Roles & Responsibilities:**

* Developed UI for most of the modules in the application using **ListView, GridView.**
* Part of security performance engineering team, worked with other technologies - **JavaScript**, **PHP** and .**NET** and was involved in peer reviews.
* Unit Testing and code coverage for robustness, wrote many test cases to achieve 100 percent coverage. Familiar with **Espresso**, **JUnitRunner**, **UIAutomator**, **Appium**.
* Written gradle scripts to remove **logs** programmatically using **Pro-Guard**.
* Worked on **Google Play Services: Location & Context**
* Worked on **Geocoding** and **Reverse-Geocoding.**
* Familiarity with **cloudmessageAPIs (GSM** and **Parse.com)** and **pushnotifications**
* Used **Git** version control system to handle projects with ease using **SourceTree**.
* Worked with **AndroidStudio** IDE and **Gradle** build system
* Worked with **OkHttp** (square networking api) on web services using XML/JSONdata formats
* and **Picasso** fordownloadingimages.
* **Agile** practices were carried out with **VersionOne**.
* Used **Slack** as main office communicator.
* **BlueJeans** was used for conference and demos.
* Implemented **Parcelable** objects to send across activities.
* Experience with integrating with third **partyAPIs** including social networks
* Implemented **DialogFragment** to share the product with their friends and family.
* Implemented **MVC** and **Singleton design pattern**.
* Hand-on experience on **Google’s App Engine**, and **Microsoft Azure.**
* Research on **SQL Injection prevention** on mobile and published prescription document.

**Environment/Tools:** Android 2.0, 3.0, 4.0, 5.0, 6.0 versions, Java, Android SDK, JSON, JavaScript, Php, Android Studio, Version one, Slack, Gradle, Git/GitHub, Docker, Blue Jeans, Xcode, Genymotion.

Read More On...

<https://play.google.com/store/apps/details?id=com.avaya.android.flare&hl=en>

**Sally Beauty Supply, Denton, Texas Dec 2013 – Dec 2014**

**Senior Android Developer**

**Description:**Sally Nails and Beauty App will take care your beauty needs from two locations Crouch End and Barnet. You will get the notifications like special offers, last minute deals and news. You can make bookings, browse the photo gallery, easy to communicate and the GPS directions.

**Roles & Responsibilities:**

* Developed UI for most of the modules in the application using **ListView, GridView, ViewPager**

and **Tab Navigation, Expandable Button, Custom Button, Custom EditText, Spinner, Two Pane UI, Spacing and Typography**.

* Integrated **searchwidgets** to perform search through their collections, load recent search and supports **voicebasedsearch**.
* Designing multiple screens and building a dyna- mic UI with fragments
* Hand-on experience on familiar with **Google’s App Engine**, and **Microsoft Azure.**
* Good knowledge different data **caching** strategies and limitations on Android.
* Implementing store location by using **Google Maps API** v2.
* Improved the application performance by detecting memory leaks using **DDMS**. Developed generic libraries for downloading images and other resource using **AsyncTask** handlers.
* Strong understanding of Android Design Interface Guidelines and **MaterialDesign**
* Experience with integrating with third **partyAPIs** including social networks, Facebook, Instagram.
* Implemented **DialogFragment** to share the product with their friends and family.
* Implemented **Singleton design pattern** to pass through the object into different fragments.
* Used **Eclipse** and **Android Studio** for developing, debugging, coding and deployment of the applications.
* Implemented **xml pull parser** techniques.
* Coded for loading the **Bitmap images** in L**istview** and fixed the **heap size** issue and improved performance using AsyncTask and improving the user experience on loading bitmaps using **LruCache**.
* Experience on Transmitting Network Data Using **Volley**.

**Environment/Tools:** Windows XP, MAC, Android 2.0, 3.0, 4.0, 5.0 versions, Java, Android SDK, ADT 21.1.0, Shared Preferences, Fragments, JSON, REST API (XML), JavaScript, CSS, Android Studio, Eclipse 3.6, ANT, XML, Multi-threading, VMWare, PhotoShop, Git/GitHub. Amazon web services.

Read More On...

<https://play.google.com/store/apps/details?id=com.app_sallysnail.layout>

**McDonalds, Chicago IL Nov 2012 – Dec 2013**

**Mobile Application Developer**

**Description:**

With the McDonalds App, you can find the nearest McDonald’s restaurant locations. You can get every week offers and coupons that you can redeem right from your mobile. You can order the delicious food. You can find the Menu and get the nutrition information.

**Roles & Responsibilities**

* Consumed web services and Implemented **HttpCommunication** using **JSON** Data. (HTTPClient, HTTPResponse, Async Task)
* Implementing geo location of the Store points by using **GoogleMapsAPI** v2 and **GoogleAPIClient**.
* Customization of Login Screen, Styles and Themes, Action Bar, GridView and adding push notifications from Parse.com.
* Customization of different widgets that includes buttons, spinners and most importantly list and grid views (Customizing a **button**, Customizing **Spinners**, Customizing **ListView**, Customizing **GridView**)
* Experience interacting with **WebServices** (**REST, XML, SOAP, JSON**) and implementing data serialization/deserialization.
* Implementation of notifications and alarms using **Status Bar Notifications** in notification area and expanding with Notification drawer.
* Experience on working on Different **thirdpartyAPI’s**.
* Was also involved in improving the **user experience** of the McDonalds mobile application by attending various meetings.
* Strengthen and Enhanced the store pickup, shipping and delivery features to improve the process of checking in-store availability and online purchasing through apps.
* Managerial work activities.
* Building Apps with **Connectivity**& the **Cloud**.

**Environment/Tools:** Java, Android 2.0, 3.0, 4.0 versions, Java, Android SDK, ADT 16.0.0, Shared Preferences, Fragments, Eclipse, JSON, REST API (XML), JavaScript, CSS, ANT, XML, Multi-threading, Windows

Read More On...

https://play.google.com/store/apps/details?id=com.mcdonalds.app&hl=en

**Robosoft Technologies, India Oct 2011 – Sep 2012**

**Android Developer**

**Project NDTV**

**Description:**The NDTV app brings you news stories and videos live from the NDTV studios in India. Award-winning journalists and technology combine to report on Politics, Business, Cricket, Sports, Food, Entertainment and Bollywood. You can also get live cricket scores and track the stock markets.

**Roles & Responsibilities:**

* Requirements analysis and design.
* Performance improvements and code optimizations.
* Supported **multiple resolutions** screens.
* Handled **SSL** communication between Mobile Application and Middleware.
* Worked intensely on the Customized User Interface.
* Core **bug fixing** and integrating the bug fixes in the main branch and maintaining the main branch.
* Designed application based **services** for user authentication.
* Handles **JSON** request and response
* Integration with **Facebook**, **Twitter**, **Email** and **SMS** services.
* Image to Text conversion service implemented.
* Gained experience in client side Technologies such as **HTML, DHTML, CSS, AJAX** and **JavaScript**.
* **Google Analytics** API integrated.
* **Caching** template pages for offline access.
* Optimizing the **List View** by 175 percent.

**Environment/ Tools*:*** Java, Android SDK, HTML, DHTML, CSS, AJAX, JSON, Android SDK, Eclipse

Read More On...

<https://play.google.com/store/apps/details?id=com.july.ndtv>

**Sonata Software, India Mar 2010 – Sep 2011**

**Developer**

**Roles & Responsibilities:**

* ParticipatedextensivelyinwritingUseCasesandgeneratedClass,Sequencediagramsfor Designingusing**UML**.
* Writtenjavaclassesfordevelopinguserinterfacebyusing**OOPSconcepts,multi-threading,inheritance,polymorphismandcollectionAPI.**
* Used**XMLparsing**techniquesfordatahandling and**JavaScript**front-endpages.
* Used**SOAP**TechnologyforexchangingtheXMLschemasusing**HTTP**.
* ExposuretoHTMLandJavaScriptwhiledevelopingwebpages.
* Createddatabasesusing**Oracle10g/SQL.**
* InvolvedinPeerreviewsandCodewalkthroughs.
* DevelopedscenariosforunitandIntegrationtestingtoensurethatallthecomponentsworking correctlywhenintegrated.
* ActiveparticipationinBugfixesandapplicationperformanceenhancement

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

**Serco Global Services, India Jun 2008 – Feb 2010**

**Java Developer**

**Roles & Responsibilities:**

* Understoodfunctionalspecifications,designinganddevelopingcreativesolutionstomeetbusinessrequirements.
* Experienceinvariousmethodologieslike**Agile** and**TestDrivenDevelopment**
* WorkedwithCollectionsAPIandJavathreads(**Multithreading,synchronization**).
* GainedexperienceinclientsideTechnologiessuchas**HTML,DHTML,CSS,AJAX**and **JavaScript.**
* Requiredheavyuseofserversidetoapplicationinteractionsandvise-versa,viaJavaScript/Ajax calls
* Implementedtheintegrationwiththebackendsystemwithwebservicesusing**RESTAPI’s andSOAP.**
* Implemented**HTTPSessionManagement**
* Workedwith**JUnit**andAntfortesting,buildingandlogginginformation.
* Exposuretovariouswebserverssuchason**ApacheWebServerandTomcat**
* Ensureenhancements/requirementsmeetestablishedqualityandenduserneeds.
* Involvedinbugsrecording,bugfixing,codereviewandothermaintenanceofthe application.
* Workedcloselywith various departments to ensure that our software delivered the greatest experience with the end user.

**Environment/Tools:** Windows, 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.