**VENKAT GONUGUNTALA**

**Sr. Android Developer**

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**Summary:**

* Around **7+ years** 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.
* Hands-on experience on **Infrastructure-as-a-Service platforms** (**Amazon Web Services**, VMware)
* 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:**

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| --- | --- |
| **Languages** | Java, C, C++, C#, Python, Visual Basic, JavaScript, PL/SQL, XML, COBOL |
| **Mobile Technologies** | Android SDK, J2ME |
| **Web Technologies** | HTML5, JavaScript, CSS3, UML, XHTML, J2EE, 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 and Sybase, 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 and Fedora) |
| **Web-service Framework** | Apache Axis, SOAP, WSDL, REST, JAX-RS, JAX-WS |

**WORK EXPERIENCE:**

**Staples, Cambridge, MA**

**Dec 2015 – till date**

**Senior Android Developer**

**Description:** Working on Android Kiosk Application replacing the existing Intava Windows Application.

**Roles & Responsibilities:**

* Worked on **filters** and animation of **drawers**, **bookpage**, **flip.**
* Worked on **Adobe Analytics**
* Implemented Deals, Weekly Ad, and Clearance features to Kiosk App.
* Used **Retrofit** and **Jackson**.
* Extensively used fragments and **EventBus** for communication.
* **Stash** usage for **VersionControl**.
* Used **Retrofit** for making network calls.
* Used **Picasso** for Image resizing, scaling and fitting.
* 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.
* Designed **customkeyboard** using fragment for kiosk application.
* Adhered to best practices of Android Application Development.
* Also worked with **OkHttp** and **ButterKnife** libraries

**Environment/Tools:** Android, Java, Android SDK, Android Studio, Version one, Slack, Gradle, Stash, Jira, Confluence, Retrofit, Jackson, EventBus, Source Tree, Jabber

**The Walt Disney Company, Orlando, FL**

**Apr 2015 – Nov 2015**

**Senior Android Developer**

**Description:** Part of Reference Architecture team of size fifty-five, I am under the Studio Security, My main responsibility is to develop core framework that can be implemented across different applications in Disney and also set standards and guidelines for applications.

**Roles & Responsibilities:**

* Developed UI for most of the modules in the application using **ListView, GridView.**
* Built framework on various validations that can be consumed by different teams across the Disney.
* Part of security performance engineering team, worked with other technologies - **IOS**, **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 scipts to remove **logs** programatically 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) onweb services using XML/JSONdata formatsand **Picasso** fordownloadingimages.
* **Agile** practices were carried out with **VersionOnce**.
* 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 **Amazon’swebServices**, **Google’s App Engine**, and **Microsoft Azure.**
* Research on **SQL Injection prevention** on mobile and published prescription document.

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

**Bed Bath and Beyond, Union, NJ**

**Mar 2014 – Mar 2015**

**Senior Android Developer**

**Description:**Shop 100,000+ items using your mobile phone for anytime, anywhere access to your favorite brands and products. Scan items in store, create and manage wedding & gift registries, view product availability, and order online pick-up in store…all in the palm of your hand. You never know what you may find and our app makes shopping on the go convenient and easy.

**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 dynamic UI with fragments
* Hand-on experience on **Amazon’swebServices**, familiar with**Google’s App Engine**, and **Microsoft Azure.**
* Implementation of **Map-Reduce** algorithm into the system configuring for around **30 nodes** for faster search results.
* 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**.
* Understanding of other mobile platforms (**iOS**, **Hybrid** etc)
* Experience on Transmitting Network Data Using **Volley**.

**Environment/Tools:**Windows XP, MAC, Android 2.0, 3.0, 4.0 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.

**Play Store URL:**<https://play.google.com/store/apps/details?id=com.digby.bedbathbeyond&hl=en>

**United Parcel Services (Mahwah, NJ)**

**Nov 2012 – Feb 2014**

**Mobile Application Developer**

**Description:**

With the UPS Mobile App you can get important shipment information anytime and anywhere. It lets users to enter tracking InfoNotice number to find package progress scans, special instructions, and current status and also users can enter an origin and destination postal code to get estimated quotes on time and cost.

**Roles &Responsibilities:**

* Consumed web services and Implemented **HttpCommunication** using **JSON**Data. (HTTPClient, HTTPResponse, Async Task)
* Used Intent Integrator for using the QR codes and **CameraAPI** for accessing the camera to use the **QRcode**.
* Implementing geo location of the Store points and Delivery packages by using **GoogleMapsAPI** v2 and **GoogleAPIClient**.
* Customization ofLogin 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 UPS mobile application by attending various meetings.
* Managerial work activities.
* Building Apps with **Connectivity**& the **Cloud**.
* **Voluntarily** participated in UPS data center ware house training tour and package hub tour.
* Received appreciations from one of the director for my outstanding work.

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

**Play Store URL:**<https://play.google.com/store/apps/details?id=com.ups.mobile.android>

**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

**Play-Store URL:**<https://play.google.com/store/apps/details?id=com.july.ndtv>

**Sonata Software, India**

**Mar 2010 – Sep 2011**

**Software 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.
* ExperiencewithscriptinglanguagessuchasUnixShelland**Python**
* 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**

**Jan 2008 –Feb 2010**

**Java Developer**

**Roles &Responsibilities:**

* Understoodfunctionalspecifications,designinganddevelopingcreativesolutionstomeetbusinessrequirements.
* Experienceinvariousmethodologieslike**Agile** and**TestDrivenDevelopment**
* WorkedwithCollectionsAPIandJavathreads(**Multithreading,synchronization**).
* Developedpartsofthewebapplication(includingconfiguring**Spring,Hibernate,Struts,build-scripts**etc.)aspartofalargerteam.
* 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.

**Education*:***Bachelor of Engineering in Computer Science from **Nagarjuna College of Engineering and Technology (VTU)** Bangalore, India