**Govardhan Reddy Employer Details:**

**Android/IOS Developer David**

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**H1B & C2C**

**PROFESSIONAL SUMMARY:**

* Over 7+ years of experience in C#.Net, Xamarin forms, and Google Android development using **Java, Android SDK, SQLLite, Eclipse, Android Debugger.**
* Comprehensive understanding of **Androidapplication** architecture, **UI components & controls, Intents**, Application classes like Activity, Service, Intent Receiver, Content Provider to manage data.
* Proficiency in working with multi-threaded apps, **XML & JSON**, and **web services.**
* Good Knowledge on **Notifications, Toast, Locations** and **Map Api, graphics**.
* Experienced with Android testing frameworks and proficient writing clean unit test cases
* Expert in object oriented programming principles, strong working knowledge of design patterns, and proficient in clean code best practices
* Worked on the project using **HTML, CSS, JavaScript, AJAX, JQuery mobile, Bootstrap, JSON, XML**, **Cordova** and **native Android.**
* Experience in Cross-Platform Mobile Development using **React Native + Type Script** based mobile app.
* Novice level experience working with **React-native.**
* Developed Cross-Platform Mobile app using Xamarin Forms with code sharing between all platforms (Android, IOS and Universal Windows apps)
* Extensive experience in creating **User Interface(UI)** by using **Xamarin.Forms** with XAML.
* An analytical, hardworking individual with good communication skills & natural ability to be a team player.
* Proficient with common **Android** Framework API's (Email, Web View, Contact Manager, Camera, Notifications)
* Hands on experience with **Android Unit testing** and used tools like **J-Unit** and **Monkey Runner**.
* **XML, JSON** Parsing, **RESTful** Services, Crittercism, Social Logins **SDK**, **GCM/**Firebase Push Notifications, **FreshDeskSDK**, **VideoCipher OTP, MediaPlayer, Android Webview, Core Java, JavaScript's, Object Oriented Programming, SDLC Agile, MVC, MVP.**
* Knowledge of **Web service** for parsing **XML and JSON** data (Rest Web service)
* Knowledge of **Appium** and **android** Automation and **Jenkins. Android 2.3** and Higher version:
* Different Layout usage, Handling **HTTP** Request in **Android device.**
* Web Services knowledge (Rest Web service) for parsing **XML** and **JSON** using **SAX Parser** and **Dom Parser** both.
* Layout Designing, Updating **JSON** data in List View using List Adapter.
* Simple Adapter and Different adapter class, Maintain **SVG** file in **PNG** Using **Inkspace** Tools.
* **GPS** system, Google Map API. (Latitude and Longitude, Marker), **API** for Facebook.
* Connection of **Android** using **PHP, SQLite, MySQL**.
* Retrofit and **MVP** pattern knowledge and worked on crash reporting tools like **ACRA**, Criticism.
* Worked on **RXJava, Dagger Dependency** Injection in **Android**.
* Skilled in developing **APIs** for middle ware Framework modules for mobile platforms using **Objective C** and **Swift.**
* Have working experience on **SDK** development in **iOS.**
* Worked with Android Studio and the latest **Android SDK** in developing an enterprise level mobile application.
* Experience with source code control management such as subversion (**SVN**) and **GIT** and Team Foundation Server (**TFS**) and issue trackers like **JIRA** and **Kanban Trello.**
* Excellent Communication Skills, Self-motivated, Quick learner and excellent team mentor & player, ability to meet deadlines.
* Expertise in working with public APIs, such as Twitter, Facebook, Google, YouTube and in using third party libraries and **GitHub**.
* Experience in **Wi-Fi**, understanding of Bluetooth, Analysis and ads Integration.
* Experience in working in agile environment and coordinate with offshore teams.
* Experienced with agile software development to create a high-level Product Backlog that includes a list of all the characteristics that would be beneficial for the client and the users.

## TOOLS AND TECHNOLOGIES:

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| **Programming/Scripting Languages:** | Android, Python, C, C++, CSS3, PL/SQL, Java, J2EE, JDBC, swift, kotlin, UNIX Shell scripting, |
| **Development Tools:**  | Xamarin, Android Studio, JDeveloper, Net Beans 6.X, MS Visual Studio, IBM Worklight, Photoshop, Sublime Text, Atom, IntelliJ IDEA, XCODE, Eclipse, Debuggers |
| **iOS** | XCode 8.3 and earlier, Objective C, Swift 3.1, Cocoa pods, Cocoa Touch, BLE and Bluetooth, core data, core animation, AV foundation kit, UI Kit. |
| **Web Technologies:**  | HTML 5.0, AJAX, DHTML, XSL, XSLT 2.0, jQuery, JSP, JavaScript, Servlets, AngularJS, NodeJS, jQuery Mobile, Spring MVC Framework & Hibernate |
| **Web Services** | Android SDK, HTTP, Restful Web Services, Google APIs, XML, DOM parsers, SAX parsers, SOAP, JSON |
| **Office Tools:**  | Microsoft PowerPoint, Microsoft Excel, Microsoft Word, Outlook |
| **Database technologies:** | MySQL, SQLite, Realm Database, SQL Server, Oracle RDBMS, MS Access |
| **Third Party Libraries** | Picasso, phone gap, Espresso, Volley, ION, OpenGL, Cordova, Dagger, Retrofit, Jackson. |
| **Testing and QA Tools** | NUnit, Logcat, Hudson, Test link, Bugzilla, Quality Center |
| **Package & Version Control Tools:**  | JIRA, Repo, CVS, GIT, VSS |
| **Web/Application Servers:** | IIS, Tomcat 4.1/5.x/7.0/8.x & Apache HTTP Server |
| **Mobile Technologies/Tools** |  Android Emulator,, Android SDK, AVD, ADB/DDM, logcat, lint |
| **Operating Systems:**  | Windows, Linux, UNIX, Mac OSX, IOS, VMware, Android |

**PROFESSIONAL EXPERIENCE:**

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| **Delta Air Lines, Atlanta, GA** |  **June 2019 - Till Date** |
| **Role: Android/iOS Developer** |  |

**Responsibilities:**

* Involved in requirement gathering, **UI** design and development.
* Used web views, list views & populated lists to display the lists from database using simple adapters.
* Used services, Async tasks and Alert Notification **API** to implement parking status reminder into the mobile app.
* Developed a cross platform application which runs on **IOS, Android** and UWP using **Xamarin Studio** and **Visual Studio.**
* Responsible for design of user interface using custom layouts and different form of widgets.
* Used web views, list views & populated lists to display the lists from database using simple adapters.
* Implementing different architecture patterns in **Android ( MVC, MVVM)**
* Demonstrated an object-oriented principle, data structures, design patterns and web services
* Embedded **Google Maps API, GPS** Location Data into app with zooming controls for finding out the store and navigation details to the store.
* Worked as Web and Mobile apps developer, done 3 projects in Web by using **React native** Js+Redux with Material UI(**React native** js).
* And I have done 1 **React native** app for which I have created UI as well and managed data using Redux and Redux-thunk (as middleware to manage Asynchronous data).
* Responsible for developing **Mobile Applications** for both **Android**and **IOS** using **Xamarin** and **Visual Studio** in **C#.**
* Integrating **Restful API** services with Basic Authentication process
* Involved in working with Location Manager and Restful Web service with **JSON**.
* Integrated Push Notifications (**GCM**) to notify user about new in-stock apparels.
* Migrated some modules to **KOTLIN**from Java
* Learnt new OOP language called Kotlin on the fly and successfully migrated parts of the project to Kotlin.
* Handling data from the services using efficient parsing techniques such as **JSON**.
* Developed test cases and performed unit testing using **JUnit**.
* Knowledge of **Appium** and android Automation and Jenkins. Android 2.3 and Higher version
* Worked extensively on local data storage using Shared Preferences, **SQLite** databases, and File system.
* Used Parceler for passing Parcelable objects between various components of the app.
* Generating certificates for Push Notifications to work with **Azure.**
* Worked with **GCM** in implementing the **PUSH** notifications.
* Utilize experience scaling systems and cloud technology to support services in the mobile environment.
* Worked on memory leaks using **DDMS** and **Leak Canary**.
* Used **GIT** for version control and followed **Agile** with **JIRA** for implementing this project
* Implementing Broadcast Receivers for **Android**.
* Implemented **UI/UX** layouts for home screen.
* Used **SQLite** database to store all the Data.
* Worked with Android Studio and the latest **Android SDK** in developing an enterprise level mobile application.
* Created and used **SQL** Queries, **Scripts** and Stored Procedures for data validations.
* Consumed **Web Services** (**RESTFUL**) from third party for send the emails in bulk. This service is used to send the emails to the customers in bulk as a part of Batch process.
* Used **GIT** for version control of code for distributed revision control.
* Used Intents to capture and upload images in **Android** Studio
* Develop automation solutions leveraging shell, Perl, and Java scripts to increase the operational efficiency
* Proficiency in implementing **Multi-threaded** applications and in using design patterns like Factory Method, Abstract Factory, Singleton, Builder, Session fa ade, MVC and DAO patterns in software design.
* Used Third party **JAVA API** for barcode generators and scanner.
* Development of platform components using object-oriented Perl and Unix shell scripting
* Extensively used **Agile** Methodologies.
* Followed a complete **AGILE** methodology with Daily Stand up calls with the offshore team every day and updating on **JIRA**.

**Environment: Xamarin,** Android SDK 7.0, Android Studio v2.2.3, GSON, jQuery, Espresso scripts, REST Web Services, Java, SQLite, JSON, XML, Xamarin, DDMS, Logcat, JIRA, GIT, Jenkins, Android API's, ADT plug-in, Location Manager, JDK 8, JNI, GPS service, Log cat.

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| **EY, Atlanta, GA** |  **June 2017 - May 2019** |
| **Role: Mobile Application Developer** |  |

 **Responsibilities:**

* Coordinated in every phase of Software Development Life Cycle (**SDLC**), starting from Requirements, Design, Development, Testing, Building, Deployment and Product Support.
* Fixed bugs with code, design patterns and miscellaneous occurrences during projects.
* Worked with **UX** Designers, Mobile Architects and other Developers to build enterprise mobile solutions and perform root cause analysis, technology evaluation, and design spikes.
* Extensively utilized fragments and dynamically generated lists using custom adapters from **APIs**.
* Managed tasks within **Agile** framework, cleared Sprinted tasks, and controlled **JIRA** workflows.
* Supported Devices: Android hand set , tablets & Chrome browsers.
* Managed data using **SQLite**, **SQL** Helpers as well as Raw Queries to do database management.
* Modified **Android** manifest **XML** file to include all use permissions such as GPS, SMS READ /SEND / RECEIVE.
* Expert in **React native** Js development and have experience React.js, angular.js, Responsive design.
* Implemented news retrieval using **JSON**.
* Developed test **automation framework** for mobile application development using **Xamarin.**
* Used Source Tree for version control and Rally for sprint tracking.
* Performed Unit Testing and interacted with **QA** for testing.
* Design screens using **MVC** pattern for the application with **Android** Studio **IDE**.
* Successfully designed and developed **Java Multi-Threading** based collector parser and distributor process, when the requirement was to collect, parse and distribute the data coming at a speed of thousand messages per seconds.
* Preparing the **GUI** transaction screens for the banking account on **Android** Mobile using **java**.
* Constructing **http** requests, fetching server response and parsing feeds wherever required.
* Analysis of mobile application code for re-engineering.
* Involved in development and enhancements of features to restrict the usage based on Authorization and Authentication tokens.
* Embedded **Google MapsAPI**, **GPS** Location Data into app with zooming controls.
* Involved in working with Location Manager and Restful Web service with **JSON**.
* Done manual test and implemented automation test cases for complete **UI** for the different screen of the project.
* Continuously discover, evaluate, and implement new technologies to maximize development efficiency.
* Followed **Agile** methodology in the project implementation.
* Tested the application on multiple **android** targets and debugged the issues that were found.
* Integrated location based services using **Google MapsAPI** to display locations of the nearest store locations.
* Worked in agile environment with daily scrums and biweekly sprints.

**Environment:** Eclipse IDE and Android Bundle, Android NDK, JSON parsing, REST Web Services, XML, Gradle, JUNIT, Java 7, SQLite, JSP, Android SDK, Eclipse ADT, Git, Xamarin, JIRA, Picasso, Source Tree, Android Studio, GenY Motion, , Android Debug Bridge, Logcat, Android API's, RESTFUL Web service, JDK 8, Jenkins.

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|  **Client: Virgin Mobile, Warren - NJ**  |  **Mar 2016 – May 2017** |
|  **Role: iOS Developer** |  |

 **Responsibilities:**

* Developed code using Navigation controllers, Action sheet, Pageview Controllers, Custom view controllers, custom protocols.
* The user interface for this app was implemented using **UIKit** and Foundation, **AV** Foundation, Core data Frameworks.
* Principle developer for publishing their applications on the **Apple** stores.
* Complete a relatively simple work-in-progress written with **XamariniOS** native tools (not XamarinForms).
* Responsible for performing complex analysis, design, programming, and modifications of computer programs for software products and/or customer applications.
* Writing code and completes programming, testing, and debugging of applications.
* Determining forms, procedures, and other documentation needed for the installation and maintenance of application programs.
* Generating certificates for Push Notifications to work with **Azure**.
* Debug and deploy the changes to **Azure**.
* Developed Code for Open Weather Underground, Satellite **Map** Zoomed Location and Location based **Latitude** and **Longitudes**, **Heatmaps** from the Farm.
* Developed code for managing tasks, it is used for allow the location pictures and Temperatures.
* Web service cells by including **XML** and **JSON** parsing in the project.
* Responsible for service Integration Development and Testing.
* Used storyboards and auto layout in the application.
* Made a **UI** Tab Bar Navigation **AWS**, **Azure**, **Google cloud** based application.
* Implemented Push Notifications and Local Notifications.
* Used Core Data Framework for local storage purpose in **SQLite**.
* Strong Expertise in frameworks like **Bootstrap, Angular JS, JQUERY, Cordova, Backbone**.
* Worked in an **Agile** Environment - Monthly Sprint planning and Daily **SCRUM** meetings.
* Involved in creating navigation and coding for user interface layout and views.
* Web service cells by including **XML** and **JSON** parsing in the project.
* Responsible for service Integration Development and Testing.
* Used **AV** Foundation framework to record audio.
* Used **OpenGLAPI** for rendering **2D** and **3D** vector graphics.
* Used storyboards and auto layout in the application.
* Test Flight **API** is used to get user logs and crash reports etc.
* Write some stored procedures to get data from more than one tables in **MYSQL**.
* Developed the password screen to login to the application on **ICMT** components.
* Developed the virtual keyboard pad to take the user selection.
* Developed code for **Geolocation** using Library Cordova.

**Environment:** iOS 10.0,9.0/8.0 (iPhone SDK), Mac OS 10.X, XCode, Objective-C, C#, Xamarin Studio, Visual Studio, Map Kit, UI Kit, Core data, Core Location, Cocoa Touch, Core Graphics, AV Foundation, GitHub for version control.

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|  **Client: Comex Software Solutions - India** |  **May 2013 - Dec 2015** |
|  **Role: Android Developer** |  |

**Responsibilities:**

* Preparation of Technical Specs using **UML** including class diagrams, sequence diagrams.
* Designed, developed, and deployed server side **Java, Servlets, and Java server pages (JSPs**) for browser based conference software. Implemented Form classes, Action classes for the entire application domain module using Struts framework
* Developed advanced **JavaScript** modules such as capture visitor information, browser version, button animation, timing object. Extensively used **JSTL** tag libraries
* Developed the Business Delegate classes to delegate the application flow from action classes.
* Created **struts**-**config**.**xml**, application-resources properties for the project.
* Used Session beans to implement Session façade design pattern.
* Involved in developing **SOA** Web Services using **XML, XPATH, XSD, SOAP, WSDL and Apache Axis**.
* Designed the database and also modeled the database
* Developed the applications using **Web Logic** to create the transactional business logic like **EJB, JSP of a Web Logic** Application.
* Transactions for the result sets of queries were processed by business logic methods using Session Bean and Entity bean.
* Used **JMS** to established message communication. Publisher-Subscriber method was used for data loading and Point-To-Point method of **JMS** was used for event processing.
* Involved in the developing of **ANT** build script and deployment in **Web Logic 9.2** on **Linux** platform. Used **SAX** for **XML** parsing.
* Advanced search functionality to retrieve Business/Residence customer information. Using **java**, **JSP**, **Servlets, SQL, Oracle, JavaScript, DHTML, CSS.**
* Used **Log4j** for logging mechanism and developed wrapper classes to configure the logs
* Extensively used **PL/SQL** for writing queries and stored procedures in **Oracle** Database.
* Designed and developed **SQL** Queries.
* Used **JUnit** and Struts Test cases for testing the application modules. Used **CVS** for version control.

**Environment:** Java 1.5, Java Beans, Servlets, JSP, EJB, Java Script, PL/SQL, Business objects crystal reports 10.x, and web logic server 8.1, Java Script, Oracle 10g, DB2, XML, Log4j, JNDI, HTML 4.0, SVN, Design Patterns, EclipseIDE, Windows XP.