**Venkat Reddy**

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**Summary**

* Withone and halfyears of experiencein **Design, Coding** and **Development** of applications using **XCode** with Technologies like **Objective-C** and **Swift** with knowledge of **SDLC** concepts.
* Certification from **IBM** for web project on wild life and welfare.
* Have technical proficiency and thorough understanding in the following Frameworks: **Xcode, UIKit, MapKit, WebKit, Audio Toolbox,** AV Foundation and concepts like **delegation, protocols and categories, Core foundation, Core Data, Core Location, Core services, Core Graphics, Core animation, Address Book and Message.**
* I am maintaining a website about me which is built with **html5, css3, JQuery** and **Chocolate.js**
* Proficient in creating custom **Table Views, Tab Bars, UIViews** and **Navigation Bar.**
* Proficiency in Using **NSUserDefaults** and **NSNotificationCenter** for storing and maintaining user data for iOS Applications.
* Experienced with Rest web services using **JSON Parsing.**
* Implemented **NSOperationQueue** and **NSURLConnection** to integrate with backend web services.
* Integrated a web-based content made with HTML5 on a Native app using **UIWebView**.
* Worked with **UIActionSheets, UITableViews, CustomCells, UIScrollViews, Navigation Controllers, delegates** and **protocols**.
* Firm background in object-oriented design patterns, data structures, problem solving, complexity analysis and debugging.
* Built connection to the database and parsed data using JSON.
* Worked with **Objective C, Swift** and **Cocoa frameworks**.
* Publishedtwo **International Journals research papers on IJERT and IJCSCN.**
* Involved in four projects includingUnder Graduation projects.
* I got certificate on CORE JAVA from **Computer Society of India CSI.**
* Good Knowledge front-end development with HTML5, CSS, JSON, and XML is desirable.
* Excellent experience on Designing applications with **MVC (Model View Control)** architecture.
* Expertise in client-side development with **HTML**5**, CSS3** and **JQuery.**
* Developed User Interface in **JSP, MVC** and **HTML**.
* Experience in working with application servers and web servers such as **IBM** **WebSphere** and **Tomcat.**
* Tested application usingUIAutomationandUnitTesting**.**
* Good Knowledge of Software Development Life Cycle (SDLC).
* Experience in interactive with testing team to find the bugs and fixing issues.
* Installed **Oracle 11g** and connected and tested with eclipse and tomcat server.

**TECHNICAL SKILLS**

**Languages** : Objective-C, Swift, HTML5, CSS3, Java, ASP.Net, C#.

**Technologies** : JDBC, Spring, Hibernate, JSON

**Application** **servers** : IBM WebSphere

**Web** **Servers** : Apache Tomcat

**Databases** : SQLite, Core Data, Oracle, IBM DB2, SQLServer

**Operating** **Systems** : Windows 9X/NT/2000/XP/Win 7, Linux.

**IDEs** : XCode 4.5.2/ 4.6/6/7.2, Eclipse, MyEclipse, VS 2013 and Xamarin.

**Web Services** : RESTFul, SOAP.

**Version Controls** : GITHub, SVN.

**Certifications:** I have done 9 certifications on iOS development on (LinkedIn)Lynda.com. Please find license numbers at **LinkedIn profile: www.linkedin.com/in/venkatreddyy**

**Professional Experience:**

**AGS, Houston, Texas March 16 – Present**

**IOS Application Developer**

**Description:**

Advent Global is product based and consulting company which has developed various products like GoMobile, GoSap etc. My responsibilities are in a project called EGovernance which is regarding submitting issues of local resident to Government Officers who take care of associated area. I am only developer who built whole app including design part.

**Roles & Responsibilities:**

* Developed using **MVC design architecture**, **Cocoa design patterns** and concepts like delegation, protocols and categories.
* Developed the UI for the application using Storyboards and Objective C.
* Customized **UITableView**to have a custom look.
* Made use of GIT for controlling versions in app development.
* Worked with **UIKit Framework, UICollectionView** for the applications at hand.
* Integrated a web-based content made with **HTML5** on a Native app using **UI Web View**.
* Used **GitHub t**o pull code, make changes and push the code back.
* Designed the complete **MVC** flow for the application with UI components and controllers to be used for iPhone.
* Test automation with UIAutomation and performed Unit Tests.
* Implemented custom adapter with **ListView**component and **LayoutInflater** with custom layout.
* Worked with Rest web services using **JSON Parsing.**
* Built iOS Storyboards and established **IBOutlet, IBActions**, create and perform segues between Mobile Application Developer - iOS different scenes in the storyboard.
* Created Table View Controllers in the application.
* Developed sample app using SWIFT.
* We have used SWIFT and SQLITE for Cand App.
* Worked with **Navigations controllers, Navigation Bars**and **Tab Bars.**
* Designed the HTTP interface which uses the **NSURLConnection** and **NSURLRequest** classes of **Cocoa Touch**to make network requests.
* Implemented custom **UITabBarController**, **UINavigationController**, for easy navigation of the app.
* Used SQLite and Core Data for local database and sync with asynchronous operations with REST.
* Implemented **NS** Operation Queue and **NSURL** Connection to integrate with backend web services.
* Using RESTful, we have pulled our database connection i.e GoSap.
* Used Core Location for exact location on each second and shown using MapKit on UI.

**Environment:** iOS 9.0 (iPhone SDK), Mac OS EI Capitan, Xcode 7.2, SWIFT, Objective C, HTML5, CSS3, REST, SQLite, GIT, Cocoa Touch, Core Data, Core Location, MapKit, UIKit.

**Blue-Giant Interactive, Hyderabad Feb ’13 – Nov’ 13**

**IOS Application Developer**

**Description:**

Blue-Giant Interactive is an independent developer and publisher of strategy games for the PC and Mobile (iOS). I have joined in Mobile Applications Development Team Started with fixing problems with Xcode4.5.2 environment and full-fledged development started in Xcode 4.6. Worked on two Apps. I have also maintained promotion webpages. I have worked in this project with team of 5.

**Link**: <https://itunes.apple.com/us/app/chhota-bheem-laddoo-runner/id888571536?mt=8>

**Roles & Responsibilities:**

* Worked with **Objective C** for **Cocoa Touch** **Framework** that includes **UIKit, Foundation, UINavigationViewController, UIViewController, UITabViewController, UITableViewController** and **Storyboard** to build Universal Application for **iOS Devices**.
* Created the complete database using **Core-data**.
* Worked extensively with Objective C and Cocoa Touch frameworks including **Core Data, Foundation, Core Animation** and **UIKit.** Communicate with project managers about the needs of the project.
* Controlled versions using Apache SVN.
* Providing Version Control with Subversion and Automated Build & Deployments with Jenkins
* Object Oriented Design Patterns and applied them to Objective-C
* Created **table views, collection** **views** and other UI controls and customized them according to the requirements.
* Made use of Jenkins for continuous integration / deployment.
* Main task was to integrate Grand Central Dispatch requests and parse JSON based responses
* Worked with remote data APIs via REST and JSON.
* Defined incoming JSON objects will be mapped into local Core Data objects into Class.
* Integrated web components using **UIWebView.**
* Worked on adding new features like "**AutoPay & SchedulePay**" to the application.
* Implemented **NSOperationQueue** and **NSURLConnection** to integrate with backend web services.
* Integrated a web-based content made with HTML5 on a Native app using **UIWebView**.
* Maintained the Company website which is developed in Ajax and also Html 5, Css3 and JQuery.

**Environment**: Objective-C, Xcode 4.5.2/ Upgraded to 4.6, 5.0 and 5.0.2, iOS App, UIKit, Cocoa Touch, Mac OS X Lion, Jenkins, RESTful Web Services, iOS SDK and JSON

**Contest Projects:**

**IBM TGMC Project**

**Role: Java/Web Development:**

**Description:**

I have certified for this IBM Project. This is the worldwide competition conducted by IBM TGMC. We have created web project on Wildlife deployed in IBM WebSphere and DB2 as Database. I have involved in creating mostly frontend and middle tier. We have developed in Windows Environment and developed in Eclipse. Used Rational Rose for UML modelling. All these tools are provided by IBM.

**Roles & Responsibilities:**

* Writing cross-browser compliant XHTML, CSS & JavaScript.
* Creating logos, banners and buttons for websites
* We have JSPs and Servlets for Database Connection with JDBC.
* Used DB2 as Database provided by IBM.
* Build customized websites to the highest specifications and carry out routine site maintenance.
* Work closely with other developers and Communicate confidently.
* Integrating new technologies into existing web properties.
* Experience of Design Patterns, Frameworks and Architecture.
* Experience of Object-oriented Software Development Methodologies.
* Working knowledge of SQL.
* Used Rational Rose for UML modelling.
* Developed in Eclipse which is linked with IBM WebSphere Server.

**Environment**: IBM WebSphere, DB2, Rational Rose, Java, HTML, CSS, JSP, Servlets, eclipse, UML diagrams.

**Other Projects:**

**Master’s Web Project**

**Role: ASP.Net Developer**

**Description:**

The main objective of this project is to develop a web interface that is having promotion code option for online super market web application. As per the events or festivals, the promotion code is to be changed and prices on particular goods should have particular offers. This application is made ‘to go’ orders for Super Markets which can be ordered from home and pickup at Market on requested time.

**Responsibilities:**

* Support and troubleshoot the existing web form-based system using C#/ASP.Net, VS 2013, SQL Server.
* Design and development web pages using ASP.Net.
* Using C#, connected to SQL Server Database, which is inbuilt in VS2013 for web.
* Analyze, develop and test new systems using MVC 3 with C#/ASP.Net.
* Change settings in **web.config** file according to application needs
* Interface with user to ascertain their requirements
* We have developed web project with **HTML5, CSS3**, and **C#**.
* We have developed source code in **Visual Studio for Web 2013**.

**Environment**: Asp.Net, VS 2013 for Web, HTML, CSS, MVC, C#, Windows 7, SQL Server.

**Grid Computing (Under Grad Project)**

**Role: Java/Web Development**

**Description:**

The main objective of this project is to develop a web interface that enables applications with large processing power requirements to be run on any number of computers, in order to dramatically reduce their processing time. A Grid provides access to computational and storage resources across organizational boundaries.

**Responsibilities:**

* Deployed the project files in Apache Tomcat and **WebSphere** and tested the application with a small java code and small web project.
* We have created simple java program with **multithreading** concepts and tested the timing before running in the grid environment.
* We have developed web project with **HTML, CSS**, and **JSP**.
* Created whole program in **Windows XP** environment.
* We have developed source code in **MyEclipse IDE**.
* Connected the network with four more computers to share processing.

**Environment**: Apache Tomcat, Java, HTML, CSS, JSP, Core Java, Windows XP, My Eclipse.

**Web Project (Under Grad project)**

**Role: Java Development**

**Description:**

The ideal structure of online passport registration provides security to the passports to be registered wherein we can fill all the details in an efficient and easy manner. A passport is a document, issued by a national Government. The development of this new system contains the following activities, which try to automate the entire process keeping in the view of database integration approach.

**Responsibilities**

* Installed Oracle 10g and connected and tested with eclipse and tomcat server.
* Designed Use Case diagrams, Class diagrams, Activity diagram, Sequence diagrams, Flow Charts, and deployment diagrams
* Good working knowledge with Struts, Apache Tomcat and JDK 1.5/1.6 versions.
* Involved in developing distributed Enterprise and Web applications using UML, Java/J2EE, Web technologies that include JSP, Servlets, Struts, JMS, JDBC, HTML, XML, Java Script and JDBC Connection.
* Used JDBC connection for connecting Oracle 10g with Apache Tomcat which is developed in Eclipse.
* Experience of maintaining PL/SQL and SQL queries
* Authentication is provided for this application only registered users can access. User friendliness is provided in the application with various controls provided by system rich user interface.
* Various classes have been used for maintain the details of all the users and catalog.

**Environment**:  Apache Tomcat, Java, HTML, CSS, JSP, Core Java, Oracle, SQL, PLSQL, Windows XP, Struts, Eclipse.

**Educational Information:**

**B-Tech:** Completed in **JNTU University**, Hyderabad in Computer Science branch.

**Masters:** Studied in **Arkansas State University** in Computer Information Systems.

**International Journal Research Papers:**

Published and certified for **Dual Booting Smartphone using Linux** research paper in **IJERT**.

Published and certified for **Cloud Computing Security** research paper in **IJCSCN**.