**Narasimha Rao N**

**narasimharao.nuvvala72@gmail.com**

**510-516-6535**

**PROFESSIONAL SUMMARY**

* **Over 7 years** of experience as a software developer including about **5 years as iOS developer** in designing & developing Rich User Interface applications, integrating with various Databases, Client-Server applications and as a Java developer.
* Experienced with the **Software Development Life Cycle (SDLC) process**, which includes designing and implementing the software, debugging, fixing and maintaining the software.
* Extensive experience in **iOS application design and implementation** using **Objective-C and Cocoa Touch**
* Sound Knowledge and good working experience on launched IOS 8and basic knowledge on Swift programming language
* Experience with **Xcode 6.2 and** ,**Interface Builder, Instruments, Mobility Tester and Static Analyzer** including development, debugging, profiling, optimizing, and build process.
* Experienced in all aspects of **IPhone, IPad** and **IPad Mini application** development, **iOS Provisioning Portal and the processes involved** including designing for all types of screen sizes and orientations.
* Expertise in **MVC design architecture**,
* Have technical proficiency and thorough understanding in the following Frameworks: **iPhone SDK, UIKit, MapKit, WebKit, Audio Toolbox, AV Foundation, Cocoa design patterns and concepts like delegation, protocols and categories, Core foundation, Core Data, Core Location, Core services, Core Graphics, Core animation, Quartzcore, Address Book and Message.**
* Complete understanding of **Object Oriented Features** (Inheritance, Polymorphism, Abstraction and Encapsulation).
* Experience working in **Agile SCRUM, Waterfall, and TDD environments.**
* Working knowledge of **Unit and automated testing**.
* Experience in Layout designing and Layout modification along with strong knowledge in **User Experience design and usability testing.**
* Strong understanding of managing **Development Certificate**, **CreatingApp IDs**, **Assigning Devices**, **provisioning portal,Installing Development Provisioning ProfilesSSL certification for push notification and iTunes connect for deploying applications to the app store**.
* Ability to perform Analyzing tool to **debug and perform memory management**.
* Proficient in using Instruments for **memory leaks/ memory management and performance analysis**.
* Experience in working in Mac OS-X and Windows Environments.
* Experience in building and developing custom libraries specifically to function with different versions of iPhone.
* Used **XML parser, JSON, CSV** to retrieve data for display on the iPhone/iPad from server**, created and customized Views, Table Views, Collection views, action sheets, segmented controls, Tab Bars and Navigation Bars.**
* Experience in integrating Game center, Push Notifications, and Network Connectivity.
* Working knowledge of **Mac OSX 10.6, 10.7 and recently 10.8**
* Experience in using various markup languages like **XML, JavaScript**, **C++, ASP.net, HTML** and **JavaScript**.
* Thorough understanding of backend database technologies like **SQL and MySQL, and the embedded database SQLite.**
* Worked closely with product managers, customers and other stakeholders to proactively gather and understand usability concerns and areas for improvement to achieve user-friendly design, performance improvement, documenting code, refactoring, continuous integration and deployment, and **unit testing in JUnit**.
* Establishing detailed **usability and design guidelines** for product development based on industry best practices and competitive benchmarking.
* Planning and **conducting user research and usability tests, documenting,** communicating and acting upon the results.
* Thrives on cooperation, problem solving, dealing with ambiguity, and working with little direction when necessary.

**EDUCATION**

* **Bachelor of Engineering, Anna University, Chennai, India.**

**TECHNICAL SKILLS**

**Programming Languages :**Objective-C and Cocoa development for iPhone, iPod and iPad devices in

Web services, Xcode 3.0/4.0/5.0/6.0/6.1.3 Interface builder-UIKit,

Cocoa touch, core Data, Java, Ruby, C, C++, JavaScript, JQuery

**Version Control Tools :** GIT/ CVS/ SVS

**Databases :** SQLite, Microsoft SQL, MySQL.

**Markup Languages :** HTML, XHTML, CSS, HTML5, CSS3

**IDE :** Eclipse, IntelliJ, Microsoft Visual Studio, Xcode

**Operating Systems :** Mac OS10.5/10.6/10.7, Windows XP/ Vista/ 7/ 8, Linux

**Designing Tools :** AutoCAD, CATIA V5R19

**Mobile Technologies :** IOS, QT (cross-platform application framework),

**SDKs :** IOS ( 5.x, 6.x, 7.x,8.x)

**PROFESSIONAL EXPERIENCE**

## Synchronoss May 2014 – Till Date

**Sr. IOS Developer**

**App:** Business Cloud-Workspace

**Reference id:** iphonevenkat@gmail.com

**Project Description**: When business employees access and edit documents stored in the business cloud, what they’re aware of isn’t the mechanism by which it functions, but rather the environment in which they work: their Workspace. Workspace is a white-labeled cloud solution for carriers built by the industry leaders in cloud platform services. Workspace is secure, flexible, scalable, and integrates critical features within a single platform. An easy-to-use administration portal lets IT Administrators secure and manage user accounts and access permissions, ensuring employees can be free to sync, share, and collaborate without infringing on compliance and regulatory responsibilities

**Responsibilities:**

* Defined the architecture.
* Wrote Database manager for created the tables on SQLite and inserting, Updating and reading the Data
* Integrated AFNetworking to handle the server calls, and parsing the data.
* Defined the Utility classes
* Derived the Category classes for some of the native super classes
* Added Split View to view the list of documents and the detailed documents
* Implemented operation Queues to perform the sequence of operations
* Integrated Google Analytics
* Implemented pull to refresh
* Image downloader
* Wrote unit test cases
* Having the Code reviews and Github Management
* Differentiating the multiple targets in order to maintain different environments
* Acted as a scrum master.
* Provided guidance to implement localization.
* Implemented Polaris office framework.

**Environments:** Objective C, Cocoa Touch, XCode, iPhone SDK, MAC OS X.

**Old Castle Inc., San Francisco, California Sep’13- April’14**

**Belgard Hardscapes iPhone Application**

**Mobile App Developer**

**iTunes link:** <https://itunes.apple.com/us/app/belgard-hardscapes/id499123466?mt=8>

**Description:** Old Castle is a manufacturer of building products and materials. It is capable of providing the modern building materials needed to build a community, bridges and highways. This application is designed for browsing Belgard Hardscapes catalogs and color swatches that corresponds to user location. The photo collection gives users a better understanding about the products. Users can even share, tweet and save these photos to their iPhone photo album. It is easy to find the nearest Belgard's location by the locator feature.

**Responsibilities**

* Designed and implemented the entire application using XCode 4.2.
* Used core locator to implement the location feature
* Integrated with You tube API to view video about Belgard products
* Responsible for the overall code quality of the application
* Tested each application according to its Software Requirement Specification (SRS).
* Interacted and coordinated with QA team for different releases
* Responsible for the Code Delivery to the Project Manager.
* Worked closely within a cross functional team of testers and developers.
* Incorporated the Push Notification feature using APNS when user is in offline/online mode.
* Participated in application testing, logged in errors/bugs and fixed them thereby contributing for application enhancement.

**Environment:** iOS 3.1-4.3(iPhone SDK), Mac OS X, Objective C, Xcode, Cocoa Touch, Cocoa Framework, Interface Builder, iPhone Simulator.

**Client: Tracfone Wireless Inc Miami, FL April 2013- Jan2014**

**Straight Talk International calling iPhone app**

**Role: iOS Technical**

ITunes link: <https://itunes.apple.com/us/app/telcel-america-direct-international/id643082194?mt=8>

**Project Description**: Tracfone wireless inc. is the largest prepaid service provider in south of America, with its brands Straight talk, net10, simple mobile, Telcel America Direct. The straight talk international calling, Telcel America Direct international call iPhone applications are used to make call to 50 different countries. They are a dialer application which uses native address book, shows calling list and different user settings. User can make a call through the dialer, which goes through the native dialer.

**Responsibilities**

* Designed wireframe for iPhone application.
* Designed and implemented the entire application using both Xcode 4.5 and 5.
* Implement the Google analytics for the application
* Integrate native address book and dialer with the application
* Worked closely with the third party developer and testers
* Interacted with QA team regarding the product release
* Submitted Application at iTunes store.
* Integrate RSS Feeds within the application.
* Share the application via Facebook, twitter, email and message.

**Technical environment**: iOS, Xcode 4.5/5, Objective-C, SCRUM, Interface builder, Frameworks,AddressBook, AddressBookUI, Accounts, MessageUI, CoreData, Social, Twitter.

**Client: ZINIO LLC San Francisco, CA Dec 2011 – Nov 2012**

**Role: Jr. iPhone Application Developer**

**Magazine Reader Application**

iTune link: <https://itunes.apple.com/us/app/id364297166>

**Project Description:** Zinio is the world's largest newsstand and bookstore. With its many digital products and services, Zinio creates better ways for people to discover published content, get more of it and do more with it. Readers can purchase content once to be read on any screen. Zinio reader is portable to any mobile device like iOS, Blackberry and Android. I was working on developing reader application for iPhone, iPAD.

**Responsibilities:**

* Designed and developed the magazine reader application on iPAD/iPhone using XCode and Objective-C.
* Implement asynchronous method to download the data from the webserver.
* Implemented Single Sign On feature in Reader Application with Facebook.
* Implemented Share, like, tweet feature using Tweeter API.
* Implemented Web trend mechanism in Zinio iPhone/iPad applications.
* Integrated various Restful Web services call to Reader Application.
* Involved in the entire SDLC of the applications.

**Technical Environment:** iOS, Xcode 4.1/4.2, iPad, iPhone, Objective-C, Flex 3.0, Pure MVC, RESTful Web service, Agile Methodology, SCRUM, Mac OSX.

**Wells Fargo, San Francisco,CA March 2012 – Feb 2013**

**Project: CEO Wire Transfers**

**Role: Java Developer**

**Project Description**: We would be involved into code rewriting of wholesale Application. Developed the architecture diagram and involved into design of the application. Wholesale application is the heart of Wells Net. It is used for fund transfer for commercial organization.

CEO Wires Out-of-Band Validation (OOBV) is a service designed to help prevent fraud on the CEO Wires channel. It does this by utilizing the telephony channel to confirming high-risk wire transactions outside of the CEO session. Normally CEO customer with single-custody, free-form wire, and wire template, creation or modification is a tempting target for fraudsters. These customers have the authorization to send money almost anywhere in the world within minutes, without any secondary approval by another CEO user with in their company.

**Responsibilities:**

* Understanding of business requirements.
* As a programmer I was involved into all the modules of the application.
* Prepared Technical Design Document to understand the flow of the application.
* Participated in the analysis, design and the development of different modules for the integration with the application.
* Used MAVEN as build tool.
* Involved in a team of designed and developers to design and implement the core modules.
* All Modules in the application are based on Spring MVC architecture and J2EE technologies.
* Used design patterns to delegate requests to appropriate session EJB.
* Design xml and web services to communicate with different applications.
* Used WRIA (Wells Fargo Rich Internet Applications) Framework for deployment of a compiled client application through a browser.
* Used AngularJS with extended HTML and provided dynamic data binding with other frameworks.
* Had to closely work with other applications for updated data everyday through webservices. Implemented RESTful services.
* Used Hibernate in automating persistence of objects in the application to the tables in the relational database.
* Tested the application in different environments for compatibility.
* Used Anthill Pro to deploy application in different environments.
* Used Subversion tool to maintain all version repository.
* Designed XML Schema definitions for the XML documents.
* Logging for the application is done by Log4j.
* Prepared the documentation of the applications which I was involved and test case documentation with sample inputs.
* Fix defects as needed during the QA phase, support QA testing, troubleshoot defects and identify the source of defects.

Technologies/Tools

Java (JDK 1.5), J2EE, JSP, Spring 2.0, Servlets , JavaScript, XML, AngularJS, HTML5, CSS, Webservices (RESTful), XML, XSLT, Ajax, Log4j, Tortoise SVN, Rational Application Developer, WebSphere application server, Red hat Linux, JBOSS.

**GSL Medical College, Hyderabad, India April 2009 – Aug 2010**

**Java Developer**

This is a standalone java application developed using JAVA 1.4, JPanel & Jform. Virtual Clinic used by the medical college students. It provides the student with a medical mystery which the student should be able to solve by performing history and physical exam and then order lab and image studies to decide on the diagnosis. The student is provided with different questions, images and audio files which the student uses to finalize on the diagnosis.

**Responsibilities:**

* Involved in the requirements analysis and design of Virtual Clinic application.
* Developed the graphical user interface that uses swings for the student to take the test.
* Developed code to evaluate the responses provided by the student.
* Developed the Business logic classes and developed the form Validation classes to validate user input.
* Developed the GUI using JPanel, JForms and JavaScript
* Added the feature of feedback report generation.
* Enhanced code to save all the responses provided by the students, so that the professor can view them later. The professor views the responses as correct and incorrect responses.
* Played a major role in fixing bugs and cleaning up the code relating to Virtual Clinic.

**Environment:** Java 1.5/1.4,Applets, JPanel, JForms, JavaScript, Log4J, JUnit, Oracle 8 & Netbeans