**SAI TEJA**

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**PROFESSIONAL SUMMARY:**

* A qualified **Professional** with over **7 plus years’ experience** in **Information Technology** in analysis, design, development, implementation and maintenance of native mobile application using **Swift, Objective-C, Cocoa Touch and XCode.**
* Extensive knowledge dealing with **SWIFT** and **iOS SDK** features and newly released frameworks.
* Well versed with Agile Development Methodologies (**SCRUM**), Design Patterns (**MVC, MVVM)** anddesign conceptslike **Delegation, Singleton Pattern**, **Protocols and Categories** and Software Development Life Cycle (**SDLC**).
* Proficient with different iOS frameworks: **Foundation**, **WebKit**, **UIKit, MapKit, CoreLocation, EventKit, , MapKit, CoreObject, CoreServices, Core Graphics, CoreAnimation, UIKit, WatchKit.**
* Extensive experience in consuming the **SOAP/REST** based web service **API’s** from iOS client.
* Involved in implementing **SQLite database** and **CoreData** for complex projects. Strong experience in Database Management skills: **SQL, NoSQL, Parse, MongoDB**.
* Experienced in working with data parsing forms such as **XML** and **JSON**, to dynamically display

data on iPhone.

* Experienced in web service integration using **NSURLSession** and **Multi-threading** using **NSOperationQueue**, **DispatchQueues,** **NSThread** and **GCD**.
* Experience working with memory management – **Manual Reference Counting** (MRC) and **Automatic Reference Counting** (ARC).
* Knowledge in **Bluetooth low energy(BLE)** and **NFC** including creating **iBeacon application** interfacing the Cloud Services and talk to the backend services.
* Hands on experience with **Estimote SDK** and **Estimote beacons**.
* Worked with **Firebase** in Integrating Platform such as **Facebook, Twitter, and Google+** with **OAuth** token handling, handling mobile payments using **Apple Pay** and In-App purchases and implemented **Peek** and **Pop**, **TouchID**.
* Extensive experience dealing with Test Driven Development(TDD) for Unit Testing using **XCTest**, **SenTestingKit, Earlgrey, OCMockito and UIAutomation** using **KIF framework** and skilled in performance analysis/tuning and Memory leak analysis, using instruments and actively participated in **estimating Time for tasks** and **Code review**.
* Proficient knowledge in dealing with concurrent programming using **AVFoundation**.
* A good experience on maintaining the code base on regular basis. Worked on the Version Control System tools like **SVN, RTC, GIT** for source code management and used **Jenkins** for **continuous integration**.
* Experienced in creating the user interface using **Xamarin Forms** for designing UI using framework **APIs** and **XAML** with different available layouts and controls to target both iOS and Android Apps.
* Experience connecting the Business Apps with No API’s using the **Capriza** and also performedanalysis to know the insights of our app using the **Capriza.**
* Experience in developing the Front-End Web Application using the Web Technologies like **HTML**, **CSS3**, **JavaScript** and have Strong Knowledge in **Object Oriented Concepts** and good development experience in using those concepts in building re-usable code.
* Good knowledge and hands on experience working with **ReactJS, NodeJS, ExpressJS, SocketIOJS.**
* Strong ability to effectively prioritize and multi-task on projects utilizing IT process knowledge and full **Software Development Life Cycle** (SDLC).
* Working knowledge of Operating Systems like **Windows**, **Linux** and **Mac OSX**.
* Some of the attributes that would describe me would be the Team player, Quick learner, Self-Motivated and Strong interest in Mobile Applications and Front End Development.

**EDUCATION**

Bachelor of Engineering – VNR Vignana Jyothi Institute of Engineering and Technology, Hyderabad, India.

**TECHNICAL SKILLS**

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| **Programming Languages:** | Swift, Objective-C, C#/Xamarin, Java, C, C++, AJAX, XML, JSON, HTML 4&5, CSS, JavaScript, JQUERY Library, Responsive Web Design. |
| **Database:** | Oracle, MySQL, SQLite, MS Access, MongoDB, Core Data. |
| **Operating Systems:** | Mac OSX 10.5/10.6/10.7/10.8/10.9/10.10/10.11, Windows XP/Vista/7,8,10, UNIX. |
| **IDE:** | XCode, Android Studio, Microsoft Visual Studio, Eclipse, IntelliJ, NetBeans. |
| **Software:** | MS Office Suite (Word, Excel, Access, PowerPoint &amp; Outlook), MS Visio, Rational Requisite Pro, Adobe Acrobat, Apple Keynote, Apple Pages. |
| **Framework:** | Foundation, Core Animation / UIAnimation, UIKit, CoreGraphics, Firebase, Alamofire, CoreLocation, MapKit, MKAnnotations, CoreData, XCTest. |
| **SDK’s:** | IOS (5.x, 6.x, 7.x, 8.x,9.x) |
| **Version Control Systems:** | SVN, RTC, GIT, Jenkins. |

**PROFESSIONAL EXPERIENCE**

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| **Organization** | **Sector** | **Designation** |
| Green Sky | Business | Sr. iOS Developer |
| Cigna | Health& Fitness | iOS Developer |
| Home Shopping Network | Shopping | iOS Developer |
| Citizens bank | Finance | Web Application/ Mobile Developer |
| ALTEN Calsoft Labs | Technology Consulting, Design and Development, R&D outsourcing. | Web Developer |

**WORK HISTORY**

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| **Client: Green Sky, Atlanta, GA**  **Role: Sr. iOS Developer**  **Duration: May 2016 – Current**  **App Link:** <https://itunes.apple.com/us/app/greensky-merchant/id1110104585?mt=8> |

**Description:** The Green Sky Mobile App provides our merchants a simple application process with quick approval, to help them grow sales and delight customers. It allows users to view their final documents within the app once they are approved.

**Responsibilities**

* Involved in every stage of the **Project development life cycle** from development to deployment of the application.
* Responsible for migration of application to support to the **iOS latest version** and worked with **Swift, Objective C, Java, XCode, iPhone SDK**.
* Worked extensively with **Swift 3.0, 2.0, Objective C, Java** and **Cocoa Touch** frameworks.
* Responsible for deploying the app in the **AppStore.**
* Worked on consuming the web services for **Android App** using the **Retrofit Framework.**
* Consumed **HTTPS RESTFul** Servicesusing **Alamofire Framework.** Called and managed all Request and response packets extensively in the **NSOperations** and **NSThreads**.
* Responsible for integrating with various frameworks such as **Foundation, Core Animation / UIAnimation, UIKit, Core Graphics, MapKit, Core Location**.
* Used extensive interactive **Playgrounds** to prototype the application.
* Created various views, customized **UITableView**, **UINavigationController and popovers** for the custom look and improve the user interface by using the **CoreGraphics**.
* Used **NSUserDefaults**, **NSUserPreferences,** **Multitasking**(using **GCD**, **OperationQueues**, **Multithreaded Code**), **P-list, Core Data**, **SQLite** in software development.
* Integrated **PushNotifications**, **LocalNotification**.
* Used **PrivateQueues** perform Block and wait deadlock to avoid crashes with respect to **NSManagedObject**. For **CoreData** debugging I watched **NSMangedObject** attribute.
* Worked with Developer tools (Such as **Instruments, Accessibility Inspector, Simulator**) extensively in the process of development to minimize memory leaks and assure overall application stability, effective resource utilization.
* Performed end-to-end testing using the framework like **XCTest** and **OCMockito**.
* Acted as an expert technical resource for modeling, simulation and analysis efforts and worked with **TestFlight** to monitor the crashes.
* Worked with **Github** and **XCode** for Debugging and use **Gitlab** for the code review and reported Progress/Challenge to the project manager.
* Worked with **AWS** to manage Cloud services for the content uploaded and worked with **Capriza** to make more personal user experience easier.
* Verify system logic by overseeing the preparation of **test data**, **testing** and **debugging** during QA cycles.
* Assure quality, security and compliance requirements are met for supported area; Oversee creation of or updates to and testing of the business continuation plan.

**Environment:** iOS 9 and iOS 10, Android OS, Mac OS X, Swift 3.0, 2.0, Objective-C, Java, XCode 8.x, iPhone SDK, Android Studio, Agile, JIRA, CoreData, CoreAnimation, Cocoa-Pods, Capriza, JSON, REST API’s, GitHub, XCode Developer Tools such as iPhone Simulator, Accessibility Inspector, Instruments.

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| **Client: Cigna, South Windsor, CT**  **Role: iOS Developer**  **Duration: October 2015 – March 2016**  **App Link**: <https://itunes.apple.com/us/app/mycigna/id569266174?mt=8> |

**Description:** The **myCigna** app gives you an easy way to personalize, organize and access your important health information--on the go. Through this app, you can Submit claims for reimbursement, Access account details, Home Delivery Pharmacy, Procedure Search, Drug Search, including balances, transaction history, and claim status information and view important messages.

**Responsibilities**

* Actively involved in project life cycle as a code developer of a scrum team and contributed in a fast-paced Agile Scrum environment with bi-weekly sprints.
* Developed the application using **XCode, Swift 1.0, Objective-C.**
* Created interactive user interface using the **Interface builder, Storyboards and iPhone Simulators**
* Designed User Interface using the frameworks **Core Animation / UIAnimation** and **UIKit** as per the design interactive prototype **Wireframes.**
* Created View controllers both programmatically and through Storyboards and worked with **Navigations controllers and Table View Controllers**.
* Used **OperationQueue** and **NSURLSession** to integrate with the backend web server.
* Worked on Web Service calls XML and JSON parsing included in the project and used **NSJSONSerialization** in getting requests from the server and parsed the response objects.
* Developed Custom **UIViews & UITableView** for user interface in the application.
* Worked extensively with Swift and Cocoa Touch frameworks including, **Foundation**, **Core Animation / UIAnimation and UIKit**.
* Invoked secure **RESTFul** Webservices over **HTTPS** using **Alamofire, OAuth** and parsed JSON Response using **SBJson Framework.**
* Performed thread related issues with **NSManagedObject** to avoid crashes.
* Worked on concurrency with **CoreData** and manages the contexts in various scenarios such as **Context switching.**
* Worked on **CoreData** framework to store data using **NSManagedObjects** by using **performBlock** method and managed database.
* Worked extensively with **DispatchQueues** to wait for the multiple **WebServices** and structured my application to improve the app performance and use the memory efficiently.
* Experience in **Memory managemen**t by implementing multi-threading using both **GrandCentralDispatch** and **NSOperationQueues.**
* Incorporated the **Push Notification** feature in **Swift** programs, to notify the user when any operations were done and used **Bridging headers** to communicate with the **Objective-C** programs.
* Implementation of **TDD** (Test Driven Development) for the Unit Testing with the use of **KIFFramework**.
* Worked with tools such as **Fabrics** and **Google Analytics** to monitor the crashes and maintain the records of crashes.
* Performed **CPU, Memory profiling** and resolved inefficiencies in resource utilization using developer tools such as (Like **Instruments, Accessibility Inspector, Simulator**)**.** Responsible for deploying the app in the **AppStore.**
* Used **Atlassian tools** such as **JIRA** and **Stash** pull requests for **code reviews**, manage and keep track on the progress of project.

**Environment:** iOS 8 and 9 (iPhone SDK), Mac OS X, Objective-C, XCode 6.x and 7.x, Swift 1.x, Foundation, Core Animation / UIAnimation, UIKit, Core Graphics, Coredata.

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| **Client: Home Shopping Network, St. Petersburg, FL**  **Role: iOS Developer**  **Duration: October 2013 – September 2015**  **App Link:** <https://itunes.apple.com/us/app/hsn-shop-app/id324326909?mt=8> |

**Description:** Home Shopping Network (HSN) is an interactive multichannel retailer with strong direct to consumer expertise among its two operating segments. HSNi offers innovative, differentiated retail experiences on TV, online, via mobile devices, in catalogs, and in brick and mortar stores.

**Responsibilities**

* Involved in full life cycle of the application including design, development and testing.
* Performed usability testing on interface design to ensure responsive compatibility.
* Involved in developing the application using the **Swift, Objective-C**, **XCode**.
* Performed application development and worked with various frameworks like **Foundation, CoreAnimation / UIAnimation**, **UIKit, Core Graphics, MapKit, Core Location** and **Firebase.**
* Developed Custom **Views** & **TableViews** for user interface in the application.
* Implemented **NavigationControllers** and **TabBarControllers** for easier use of the application.
* Designed and built the distribution for deploying in the **AppStore**.
* Developed iPhone application that can perform user registration, login, profile, and purchase within the application.
* Skilled in integrating secured **RESTFul** and **SOAP Webservice** communication within ios using **AFNetwork and NSURLConnection**.
* Worked with **HockeyApp** to collect the live crashes and generate builds to perform testing.
* Worked on **GIT** to checkout and update the changes and used **Atlassian tools(JIRA)** to track and prioritize the issues.
* Analyze **memory growth** and **memory leaks** using the **developer tools such as Instruments, Accessibility Inspector, Simulator.**
* Designed and integrated application for different devices like **iPad, iPhone, iPod**.
* Designed and developed latest trends for iPhone clients and worked on **iPhone SDK** and internet connection Protocols.
* Preparation of internal QA builds and maintaining the Apple developer portal.
* Experience with basic **Photoshop** skills for minor editing, resizing and optimizing the images.
* Worked with **XCode** for debugging and participated in application testing, logged in errors/bugs and fixed them thereby contributing to application enhancement.
* Pinpointed and solved several of our most widespread crashing bugs.

**Environment:** iOS 4.0 and 5.1 (iPhone SDK), Mac OS X, Swift, Objective-C, XCode 5.x, Cocoa Touch, Cocoa, MapKit Framework, Core Location, Photoshop.

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| **Client: Citizens Bank, Glen Allen, VA**  **Role: Web Application/ Mobile Developer**  **Duration: December 2011 – August 2013** |

**Description:** Citizens Commercial Banking offers its corporate, not-for-profit and institutional clients a broad range of wholesale banking products and services including treasury services, specialty finance, foreign exchange, capital markets and loan syndications and sales and trading.

**Responsibilities**

* Worked in an **Agile Environment** and Participated actively in daily **scrum meetings** to discuss the progress in the **sprints** and followed a work data flow principle for design and development.
* Developed complete client iPad login and signup module that includes **UIDesign** and backend communication with **RESTful Web services using Objective-C, XCode**.
* Solved major defects in **Navigation controller** behavior for the application.
* Provided mechanism to avoid loading of duplicate data in **TableViews** (Problem due to concurrent server calls) and developed new components like infinite scrolling section for sliding table view.
* Assisted Project Manager with release build schedules.
* Publishing the application on **AppStore** and then pushing updates after every sprint release.
* Managing the **work lo**g and following the schedule to ensure completion of projects before deadline.
* Followed a work data flow principle for design and development.
* Upgraded reporting system of the application Spark People My Account for analytics.
* Developed the presentation layer using **JSP, HTML, XML, XSLT, CSS, AJAX, Custom Tags**.
* Responsible for developing data insertion forms and validated them using **JavaScript**.
* Created and maintained the framework and layout of each portal with **Cascading Style Sheets (CSS)**.

**Environment:** Objective-C, Xcode 4.6, Mac OSX, Foundation, UIKit, Core Graphics, HTML, JSP, XML, XSLT, AJAX CSS, Adobe Photoshop, JavaScript, DHTML, MS-office, Web Services, Usability Testing, Eclipse.

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| **Client: ALTEN Calsoft Labs, Hyderabad, India**  **Role: Web Developer**  **Duration: June 2009 – September 2011** |

**Description:** The Business Process Automation System is fully web based atomized business processing system. This ERP system is integrated with other Modules like Quality, Finance, Accounts, and Sales & Distribution. The system will provide Breed Consulting, Enterprise IT and Product engineering services for enterprises in Healthcare, Education, High-Tech & Retail industries.

**Responsibilities**

* Responsible for developing the presentation layer using **JSP, HTML, XML, XSLT, CSS, AJAX, Custom Tags**.
* Developed data insertion forms and validated them using **JavaScript**.
* Created and maintained the framework and layout of each portal with **Cascading Style Sheets (CSS).**
* Used **JavaScript** and **XML** to update a portion of a web page thus reducing bandwidth usage and load time and add modal dialog in web pages to get user input and requests.
* Involved in the design and development of user profile planning for those accessing the system.
* Analyzed user requirements and converted into use cases.
* Created multiple types of content, each with different features.
* Adobe Photoshop has been used to create different **banners** and designs.

**Environment:** HTML, J2EE, JSP, XML, XSLT, CSS, AJAX, Adobe Photoshop, JavaScript, DHTML, MS-office, Java API’s.