**Swathi Pamidi**

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**iOS Developer**

**PROFESSIONAL EXPERIENCE**

* Around 6 years of professional work experience in Designing, Developing, Testing and Deploying iOS Applications.
* Experience with X code, Objective-C, Swift, Cocoa Touch and iOS SDK.
* Expertise through all parts of Software Development Life Cycle (SDLC) in analysis, design, development, testing and maintenance of large-scale object-oriented applications.
* Good Understanding of extensions, Protocols and Delegates in iOS Applications.
* Good Understanding of design patterns MVC, Singleton, MVVM, etc in iOS Applications.
* Extensive knowledge of using Xcode, Map kit, AVFoundation, EventKit, AddressBook, AddressBookUI, MessageUI, Core animation, Core Text, MediaPlayer, Quartz core, Core Location frameworks, XML parser and JSON parsing.
* Good understanding of Memory Management: ARC and non-ARC in iOS development.
* Proficiency in customizing views, Table views, tab bars and navigation bars in a multi-view apps.
* Excellent analytical and problem-solving skills. Up to date with latest technologies.
* Experienced in GCD, and NSOperation Queue in Multithreading.
* Experienced in adding Animation for smooth transitioning between UIViews.
* Experienced in implementing Third Party library into the Codebase.
* Hands on experience of API's like Google Maps, Facebook, Twitter for iOS.
* Experience in working with Apple Push Notifications and alerts.
* Methodology development experience utilizing Agile methodology, with knowledge of TDD.

**TECHNICAL SKILLS:**

Programming Languages: Swift 4.2, Objective-C, C++, Java, HTML, CSS, JavaScript, Python

Development Models: Agile, Waterfall, MVC, Object Oriented Programming

Development Tools: Xcode, Eclipse, NetBeans

Operating Systems: Mac OS, iOS, Android, Windows XP, Windows 7

Repositories: Bitbucket, GitHub

Office Tools: MS Office tools

**EDUCATIONAL QUALIFICATIONS :**

M.S in Computer Science (Part Time)

Wright State University, Dayton, Ohio.

B.S in Electronics and Communication Engineering

JNTU, Hyderabad, India.

**PROJECT EXPERIENCE:**

Role: iOS Developer May 2018 – Present

**Client: TAO Connect, Inc, St. Petersburg, FL 33701**

Responsibilities:

* Used Swift, Objective-C to make the applications.
* Demonstrated ability in handling the memory management.
* Implemented NSURL Connection to integrate with backend web services.
* Used Instruments to fine tune the app performance and memory management.
* Used the NSJSON Serialization class to parse the JSON and to extract the data required to customize the appearance.
* Used NSUserDefaults, NS User Preferences, multithreading, SQLite and core data in the project for data storage.
* Integrated Push Notifications, Local Notifications.
* Worked extensively on table view controller and made customized table view cells accordingly.
* Used Github to push changed codes.
* Followed Agile development methodologies for design and development.
* Worked closely within a cross functional team of testers and developers. Beta testing of the application via test flight.
* Created entirely new features in app using Swift which eliminates entire class of unsafe code.
* Post Production monitoring of the deployed software to ensure successful implementation.
* Detailed walk through and hand over the artifacts to production support team.
* Used Xcode which includes a powerful migrator that will help convert our application and playground code to work with the latest syntax improvements in Swift.

**Environment:** iOS 9.x, 10.x, 11.x, Mac OS X, Swift, Xcode 7.x/8.x/9, Storyboard, OCR, AV Foundation, AF Networking, Agile, MVC, UIKit, iOS SDK, XCTest, Push Notifications, Local Notifications.

Role: iOS Developer Feb 2017 **–** Apr 2018

**Client: Imaginovation, Cary, NC 27513**

Responsibilities:

* Worked closely with design and product teams to design and architect improvements to UI/UX by simplifying layouts, revising navigation workflows.
* Developed UI using XIB’s and AutoLayoutconstraints with size classes utilized to further support various screen resolutions.
* Worked with services team to integrate RESTful web services for various features and functionality. AFNetworking utilized to make RESTful requests.
* Created of various views, table views, customized views and popovers using Swift 4.
* Worked in fast driven Agile Methodology environment following sprint releases, scrum meetings and standup meetings.
* Played as a Suggesting Character for Android version for development of applications.
* Developed applications using frameworks such as Core Animation, Core Graphics, Core Text, and Cocoa Touch.
* Analyzed and optimized the UI and the backend interface code for efficiency and performance.
* Interfaced with web APIs and worked with REST patterns and implementation of JSON.
* Experience in consuming JSON structures to parse data received from back end developers and using the data in flow.
* Performed all tasks from user interface design and implementation to writing code for various features.

**Environment:** iOS 8.x, 9.x, Mac OS, Swift, Objective-C, XCode, Storyboard, UIKit, CFNetwork, Foundation, JSON, GitHub, REST APIs.

Role: Jr. iOS Developer Oct 2015 – Dec 2016

Client: Varsity Education Management Private Limited, Hyderabad, India

Responsibilities:

* Worked extensively with Swift and iOS SDK frameworks like UIKit, Foundation, CFNetwork etc.
* Implemented NSURLConnection to integrate with backend web services.
* Used instruments to check for processing bottle necks, memory leaks and retain cycles.
* Secured user credentials for better user interaction with the app.
* Implemented interaction between mobile and web server to retrieve and repost documents.
* Built connection to the database and parsed data using JSON.
* CoreData Framework was implemented to keep track of user's favorite products.
* Implemented custom Table Views, TableViewCell, UITabBar, UINavigation Controller for easy navigation of the app.
* Developed Navigation between views was mixture of using UI Navigation Controller and UI Gesture Recognizer.
* Managed data and memory management from streamlining code and using various debugging tests.
* Implemented Agile methodology and worked accordingly with team of developers.

**Environment:** iOS 8.x, 9.x, Mac OS, Swift, Objective-C, XCode, Storyboard, UIKit, CFNetwork, Foundation, JSON, GitHub.

Role: Mobile Application Developer Feb 2013 – Sep 2015

Client: 10 Dial, Hyderabad, India

Responsibilities:

* Worked with Objective-C and Cocoa frameworks which includes UIKit and Foundation.
* Created models in Model View Controller.
* Created of various views, table views, customized views. Developed Navigation between views.
* Performed all tasks from UI design and implementation to writing code for various features. Parsed data using JSON files.
* Worked extensively to support all features on both iPhone and iPad
* Took care of Code Review, Code Fixes and bug Fixes.
* Experience in debugging on Xcode. Continuous attention to technical excellence and good design.
* Software Development life cycle is implemented in project.

**Environment:** iOS 7.x, 8.x, Mac OS, Swift, Objective-C, XCode, UIKit, Foundation, JSON, GitHub.