MaNI

SUMMARY OF EXPERIENCE

* Over 6+ Years of **Objective-C** experience with **CocoaTouch** in iOS, developing for **iPhone** and **iPad** devices.
* Excellent knowledge and **working experience**with **Swift 2.0.**
* 7+years’ experience in the IT/Software Development field.
* Experience working in **Xcode** 4.x – 7.3.x -- from iOS4 – iOS9.3+.
* Developed various design patterns such as **MVC**, **Delegation**, **Notification**, **Blocks**, **Singleton.**
* Skilled in constructing **UI/UX** with **Storyboards**, **XIBs**, **AutoLayout** constraints, and programmatic elements.
* Proficient in creating **RESTful** and **SOAP web service** requests for parsing **JSON** and **XML** responses, respectively.
* Skilled in integrating web **API’**s like Facebook API and Uber API.
* Skilled in consuming **RESTful** and **SOAP** web services using **AFNetworking**, **NSURLConnection** and **NSURLSession.**
* Persistent storage implementation experience using **Core Data**, **SQLite.**
* Strong debugging techniques with **NSLog**, **Breakpoints**, **LLDB** and **Instruments.**
* Application memory management experience with both **MRR** and **ARC**.
* Project experience utilizing **Agile**/**SCRUM** and **Waterfall** methodologies.
* Utilized various change management tools such as **Git** and**SVN**.
* Proficient implementing 3rd Party Libraries such as – **AFNetworking**, **CocoaPods.**
* Self-starter, highly-driven and a strong team player.
* Jovial-spirited with a synergy perfect for the office environment.
* Excellent written and verbal communication skills.

**TECHNICAL SKILLS**

**Languages:** Objective-C, Swift2.0, C,HTML, CSS, JavaScript.

**Databases:** Core Data, SQLite, SQL.

**Web Services:** RESTful, SOAP, JSON, XML.

**IDEs:** Xcode, Eclipse.

**Change Management Tools:** GIThub,Source Tree,SVN.

**Methodologies:** Agile/SCRUM, Waterfall.

**Software & Tools:**Xcode, CharlesProxy, Instruments, CocoaTouch, Foundational, UIKit, Storyboards, Interface Builder, AutoLayout constraints, AFNetworking, NSURLConnection, NSURLSession, Blocks, PUSH Notifications, MVC,XCTest, GCD, Delegation, Singleton, Paging, MapKit,CoreLocation, MKAnnotations, Breakpoints, LLDB, NSJSONSerialization, Notifications, NSXMLParser,CoreAudio, MRR, ARC, XIBs,CocoaPods, Git, Source Tree, SVN.

**Operating Systems**: iOS4 – iOS9.3, Mac OS X, Windows.

**PROFESSIONAL EXPERIENCE**

**Sabre, Dallas, TX April 2014 – Present**

**iOS Developer**

<https://itunes.apple.com/us/app/sabre-red-mobile-workspace/id673260281?mt=8>

This App provides a new way of connecting travel professionals to the well-known Sabre travel marketplace. With the Red Mobile Workspace agents have access to the most commonly used functions including Air, Car, and Hotel shopping and booking, PNR servicing, seat maps, ticketing capabilities, queues, Sabre® Profiles, Agency eServices and more.

* Worked on Bridging header feature to resolve **connectivitiy** conflicts between **Objective-c** and**Swift**.
* Implemented new abstract features from **Swift 2.0** that made **Keep-It-Simple** concept to be reflected effectively.
* Constructed custom **ViewControllers** including **TableViews** with custom **TableViewCells** using**Programmatic UI**.
* Developed code for the **Custom Menus**, **Dialogs** and **Image Views**, **Push Notifications**
* Worked on **Segue** Transition feature to resolve connectivity conflicts between view controllers when dealing with **Storyboards**.
* Added paging ability to application for **Swiping** between main views of app.
* Used **UITapGestureRecognizer**to interact with user inputs.
* Implemented **Multithreading** techniques to improve performance of application using **GCD**.
* Improved location services accuracy within app and updated **Core Location** functionalities to iOS8 standard.
* Consumed **REST Web Services** with **JSON** objects in **Mutable Arrays** and **Mutable Dictionaries** using**AFNetworking**.
* Worked on **Quick Testing framework** that can be used for unit testing in **Swift.**
* Refactored UI for optimized display on different sizes of iPad using **Size Classes.**
* Used **AutoLayout Constraints** on UIs to ensure graceful orientation handling for all the devices.
* Charles proxy is extensively used for viewing data traffic, which helped in debugging.

**Technologies Used**: iOS8 SDK,Swift2.0, Objective-C, UIKit, CocoaTouch, Foundation, Storyboards, XIBs AutoLayout constraints, Paging, Size Classes, MapKit, CoreLocation, MKAnnotations, GCD, Instruments, Breakpoints, NSLog, LLDB, Agile, SCRUM.

**Cablevision,NY Feb 2012 – Mar 2014**

**iOS Developer**

<https://itunes.apple.com/us/app/optimum/id387231038?mt=8>

User’s can watch live TV on their iPhone/iTouch from any room in their home. Each of these devices can also be used to playback On Demand rentals or as a TV remote control. iPhone and iPod also make it easy as ever to search, browse and record TV shows on DVR.

* Constructed UI with new menu **Navigation** using **Storyboards**; Added **AutoLayout**constraints to conform **UIControls** to desired layout.
* Responsibilities include creating reusable **Swiftcode** to help teams work, faster, smarter, more efficiently, with less bugs.
* Created overview screen with accompanying **Delegation pattern**, based off **Wireframes** given, simplifying access to usage information.
* Used **UIKit, MapKit** and **Core Location** to enhance user to find **neares**t store **locations**.
* Created custom **Annotations** and **AnnotationViews.**
* Code base written in Swift; new iOS apps can be created easiy from existing projects.
* Provided mechanism to avoid loading of duplicate data in **Tableviews** (Problem due to concurrent server calls)
* Used UIView**AnimationTransition** for smooth transition.
* Worked with existing **Core Data** model to add implementation for managing stored payment profiles on device
* Implemented the **Email Functionality** of the application for adding new words to the **Dictionary.**
* Debugged and resolved **Persisting Badge Notification** errors.
* Debugged and improved performance issues within app workflow by using **Allocations instrument.**
* Project managed using **Agile/SCRUM**; code delivered in 4 week **sprints.**
* Constructed necessary **UIs** for workflow that allows user to switch between multiple accounts, using **Storyboards.**
* Performed **Unit Testing** on code using **XCTest** framework.
* Code housed in **SVN repository.**

**Technologies Used**: iOS6 SDK, iOS7 SDK,Swift, Objective-C, CocoaTouch, UIKit, Foundational, Storyboards, Interface Builder, AutoLayout constraints, Core Data, Instruments, Allocations, Singleton, Delegation, Agile, SCRUM, NSLog, Breakpoints, XCTest, SVN

**Molex, San Jose, CA Dec 2011 – Jan 2012**

**iOS Developer**

<https://itunes.apple.com/us/app/molex-connector-technology/id648252747?mt=8>

The Molex Connector Technology Overview App gives tablet and mobile device users ready-access to information on over 90 different Molex product families.

* Worked with **UIKit Framework** for development and maintenance.
* Added animation between **UI Views** for smooth transition and better user experience.
* Solved major defects in **Navigation Controller** behavior for the application.
* Developed **Critical Tools** for this project like customized **Navigation Bar**, **Page Control**, **Table View**, **Image Picker** and **Scroll View**.
* Improved the efficiency of the application by **Optimization** that resulted in faster loading of player and **Streaming Data**. (Main thread and secondary thread).
* **XML** Response parsing using the **NSXMLParser** and **NSXMLParserDelegate**.
* Rectified errors that occurred within agent-facing interface of the app using **Breakpoints**, **NSLog**, and **LLDB** statements.
* Debugged **Memory Issues** during development using **Instruments,** including **Leaks** and **Allocations.**
* Explained the **Design Problem** of invocation by drawing **Flowcharts**.
* Assisted Project Manager with **Release build** schedules.
* Project managed using **Agile/SCRUM** methodology**; 2 week sprints**.
* Code placed in **Git**repository.

**Technologies Used**: iOS6 SDK, CocoaTouch, UIKit, Foundation, Breakpoints, NSLog, LLDB, Data Model, Git, Core Data, Agile, SCRUM, Git.

**Genpact,**  **Hyderabad , India. July 2010 – Sep 2011**

**Web Developer**

Programmed web solutions for client projects of the company.

* Programmed and debugged several company **web projects** using **HTML**, **CSS**, and **JavaScript**
* Involved in **Graphical design** activities and design review meetings.
* Worked with variety of groups including Development Managers, Product Managers, Quality Assurance Engineers, Business stakeholders.
* Interfaced with **SQL database** to retrieve and store **web-facing content**
* Leveraged **MVC principles** in developing **web page components** and functions
* Web development team and projects managed using **Agile/SCRUM** principles
* Implemented authentication workflow for user sign in and retrieval of personalized content on multiple projects

**Technologies Used**: HTML, CSS, JavaScript, SQL, Agile, SCRUM.