**Irfan** **Email:**Khan.shaik763@gmail.com

**Sr. IOS DeveloperMobile:**+1 (347)-391-1232

**Summary:**

* Around **8+ years** of Experience in designing and developing **iPhone/iPad** applications.
* Effective Knowledge of programming Experience in **Objective-C.**
* Effective Knowledge in **Swift** Programming.
* Worked on **QT Framework 5.0** in creating profiles and deploying to **XCode** Project.
* Have technical proficiency and thorough understanding in the following Frameworks: iPhone **SDK, UIKit, MapKit, WebKit, Audio Toolbox, AVFoundation**, **Cocoa design patterns** and concepts like delegation, protocols and categories, Core foundation, Core Data, Core Location, **Core services**, **Core Graphics**, **Core animation**, **Quartz core**, **Address Book** and Message.
* 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**.
* Experience Working with app purchase application for the **iPhone/iPad** along with distinct marketing based applications enhancing sharing through social networks​and email.
* Worked extensively on XCode, Interface Builder and Instrument.
* Hands on experience in Apple push notifications, Network protocols, Bonjour net services, Mac/Pc to iPhone data syncing.
* Developed apps using various design patterns in **iOS** (**MVVM, MVC**, Single-ton, Adapter, Factory, View Models, Delegation, Blocks, Binding Values, and Notifications).
* Strong knowledge of Software Development Life Cycle (**SDLC**) with strategically designing and implementing the software, debugging, and maintaining the software.
* Extensive experience in application customization, project management and enhancement.
* Experienced in implementing Third Party frameworks (**REST** Framework, **FOXIT**) and libraries into the Codebase.
* Clear knowledge of working on different versions of **iPhone, iPad, iPod** and used different frameworks (Foundation Kit, AVFoundation, UIKit, Core Foundation, Core graphics, Core Animation, **Web Kit, Core Data**, Core Location, AFNetworking).
* Created Caching framework for saving data specific to volatile and non-volatile cache depending on requirements.
* Working experience of project management methodologies such as **SDLC and Agile**.
* Pleasant Experience in requirement gathering and documentation.
* Experience in analyzing complex business requirements, creating relevant use cases, and process flow for architectural and conceptual analysis.
* Successful at building team which delivers quality product to the clients.
* Skilled at analyzing and solving complex problems and face challenges with the ability to maintain consistency of solving issues and maintenance type of problems.
* Established and maintained productive working relationship with management, clients, external teams and team members along with outstanding communication and presentation skills.
* Strong commitment to organizational work ethics, value based decision-making and managerial skills.
* Excellent communication skills with a strong technical background and ability to learn and adapt modern technologies quickly.

**Technical Skills:**

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| --- | --- |
| **iOS Tools** | XCode, Swift, Interface Builder, Instruments. JSON, ZBAR, iOS Simulator. |
| **Languages** | Objective–C, C, C++, JavaScript, CSS, Java. |
| **Cocoa**  **Frameworks** | iPhone /iPad/iPod SDK, Foundation Kit, UIKit, Web Kit, Core Data, Core Location, Notification Center |
| **Databases** | UNIX, Windows NT/2000/2003 Server, MySQL, SQLite. |
| **Other Tools** | Visual Studio Express 05/08, SVN |
| **Operating Systems** | Mac OS (10.5,10.6,10.7), UNIX, Linux, Windows XP/Vista/7 |
| **Web**  **Languages** | HTML, XML, XHTML, JavaScript, CSS3, jQuery. |
| **Packages** | MS-Office. |

**Professional Experience:**

**iOS Developer**

**Tracfone Wireless, Miami, FL October’2016 – Till Date.**

**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.

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

**Roles &Responsibilities:**

* Designed wireframe for **iPhone** application.
* Worked on user registration and authentication.
* 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.
* Developing custom collection views using UI Collection View to display photos and videos.
* Working on Audio/Video playback functionality using the AVFoundation Framework.
* Working on **UITable View Controller** and made customized table view cells according to the client.
* Development using **Swift** code.
* Utilizing **NSURL** Sessions, **NSURL** Request library for API calls to retrieve data and parsed it into **JSON** models like **NSDictionaries** and **NSArrays**.
* Managed data and memory management from streamlining code and using various  debugging tests.
* Used the Web Services. AFNetworking, **NSURL**Request library for API calls to retrieve data and parsed it into **JSON** models like NSDictionaries and NSArrays.
* Did code debugging and bug fixing.
* Worked on Push notifications and local notifications to the apps.
* Worked on custom navigation controller to navigate between views and view controllers.
* Developed critical tools for this project like customized navigation bar, page control and scroll view.
* Responsible for creation, design and execution of test strategies, including writing test plans, test cases and test scenarios.
* Worked closely within a cross functional team of testers and developers.

**Environment:**Objective C, Cocoa Touch, XCode, iPhone SDK, MAC OS X, Address Book, Address Book UI, Accounts, Message UI, Core Data, Social, Twitter**.**

**iOS Developer**

**Target, Minneapolis, MN June’2015 – September’2016**

**Description**:User when opens the app in the mobile, can see the inventory of different types. Each type has got its own inventory. User can view the description of the item selected and can see the prices and also offers if applicable. If they wish to buy they can add them to the shopping cart, Once the shopping is completed, can navigate to shopping cart and continue with the payment option by entering the card details, etc.., Once the payment is processed a confirmation number is generated. User can also see their ordered inventory and also the status of the delivery. We can also view the map and locate the nearby target stores and their addresses.

**App Link:**<https://itunes.apple.com/us/app/target/id297430070?mt=8>

**Roles &Responsibilities:**

* Worked extensively with **Swift** and Cocoa Touch frameworks.
* Followed **MVC** architecture widely in this project. Created highly reusable model classes for User Profile, Cart, Deals, Share etc., and Singleton for the logged in user.
* Worked with Source Tree/Source Cloud to checkout and update the codebase changes.
* Developed critical tools for this project like a customized navigation bar (UI Navigation Bar), Page Control and **UIScrollView**.
* Extensive use of **UIKit**, Custom layouts, Auto Layout, Segues, Image Views, **Web Views**, Sliders, Segmented Controls, and Toolbars.
* Worked extensively on **UITableViewController** and made customized table view cells according to the client.
* Responsible for Service Integration Development and Testing.
* Web services deployment and testing on rest client.
* Created the complete database using core data.
* Usage of **JSON Serialization**, (NS) Notifications, **NSUserdefaults**, usage of **GCD** and Blocks to perform multi-threaded development and asynchronous service calls.
* Worked with the UI team to design the icons, custom views, and view transitions, animations for the screens using **HTML5, CSS3, Ajax and jQuery**.
* Designed the complete **MVC** flow for the application with UI components and controllers to be used for iPhone.
* Developed critical tools for this project like customized navigation bar, page control and scroll view.
* Worked extensively on table view controller and made customized table view cells according to the requirement.
* Designed the complete **MVC** flow for the application with UI components and controllers to be used for iPhone.
* Worked on pixel perfect layout using Stack Views and auto layouts to make it responsive.
* Worked with **UIKit Framework** for development and maintenance.
* Reported progress/challenges to onsite project lead.

**Environment:**XCode 6.x, 7.x, ios7.x, 8.x, 9.x, Objective-C, Swift (basic) UIKit, JSON, XML, SQLite, View Controller.

**iOS Developer**

**KIPOS LABS, NC August’2014 – May’2015**

**Description:**Developed a white-labeled IOS application using clover (www.clover.com) POS (point of sale) API's that supports online ordering for a restaurant. The app supports offline features, credit card payment and real-time notification using SMS and APNS.

**App Link**: <https://itunes.apple.com/us/developer/kipos-labs/id1067212114>

<https://www.clover.com/appmarket/apps/5Z8KQVNYBMV5Y?clientCountry=US>

**Roles &Responsibilities:**

* Worked with agile and **scrum methodology** to ensure delivery of high quality work.
* Migrated code from **Objective C to Swift**.
* Designed and developed **the IOS application** using JavaScript Framework like **Angular.JS, Backbone.JS, Ionic, and JQuery.**
* Designed the UI using Auto Layouts to support multiple screen sizes
* Implemented offline functionality to save the data locally using core data.
* Worked with agile and scrum methodology to ensure delivery of high quality work.
* Working on introducing **REACT** Native views within the **IOS** app for reusability and efficiency
* Build reusable react native components like Text Inputs, Text, Section List
* Replaced all Native IOS basic form components like text fields, buttons, labels with **REACT** Text Inputs, Text, Section List **REACT** components. Also replaced Native Table Views with **REACT** Section List.
* Implemented Redux to store and manage data flow in the application correctly.
* Made use of **AFNetworking/Alamo** fire for network calls
* Fetched and parsed **JSON** data using networking libraries.
* Configured **APNS** (Apple Push Notification Services) for the app
* Worked closely within a cross functional team of testers and developers
* Used Git for source code management with features like PR request, merging, squashing, rebasing.

**Environment:**Objective C, Cocoa Touch, XCode, iPhone SDK, MAC OS X, UIKit, JSON, XML, SQLite.

**iOS Developer**

**First Data, Denver COJanuary’2013 – July’2014**

**Description:** First Data is a global payment technology solutions company. First Data implements the leading technology to provide POS systems to their customer to make fast and easy transactions. The company handles 45% of all US credit and debit transactions.

**Roles &Responsibilities:**

* Working knowledgeable of **MVC**, Delegation, Notifications, **KVC**, and Singleton design patterns.
* Developed strong knowledge of Software Development Life Cycle (**SDLC**).
* Added new features to client's app by quickly becoming familiar with existing code bases.
* Implemented **NS** Operation Queue and **NSURL**Connection to integrate with backend web services.
* Integrated the parse backend services in the project.
* Worked on **UI** Views & **UI** Table Views for user interface in the application.
* Integrated and implemented the Security Services framework which is maintained by another set of developers.
* Utilized **NS User Defaults**, Core Data, and worked on Unit-test code for robustness, including edge cases, usability, and general reliability.
* Debugging issues at onsite whenever required as well synchronizing data developed on mobile application with backend applications.
* Publishing the application on **App store** and then pushing updates after every release.
* Prepared Test cases based on the requirements document.
* Handled multiple projects simultaneously, meeting deadlines while effectively managing priorities and communicating progress.
* Provided cross-functional support as a member of a highly productive sprint team.
* Developing Unit test cases in JUnit or other unit testing frameworks.
* Worked on bug fixing and enhancements on change requests.

**Environment:**  XCode 5.1+, iOS 3.1, iPad, iPhone, Objective-C, JIRA, GIT, JSON, XML, SQLite.

**JAVA Developer**

**HDFC– Hyderabad, India July’2009 – December’2012**

**Description:** HDFC is an Indian multinational, Public sector Banking and financial services company. The project involved the complete design and deployment of the Account Transaction System. The application was developed using **Struts MVC Framework**.

**Roles &Responsibilities:**

* Involved in the project from the requirements gathering phase to the production.
* Worked in **J2EE/java, HTML** and web application.
* Developed **DAO** objects using **JDBC** and use cases using UML.
* Used Eclipse as IDE tool to develop the application.
* Coordinated with designers to implement mock-ups and the layouts of the application.
* Involved in developing the UI pages using Java Server Pages, **HTML, DHTML, CSS, JavaScript and jQuery.**
* Developed web pages with functionalities like login, register, forgot password, Email, Filters using **HTML** and form validations using **Java Script**.
* Used JavaScript for updating a part of a web page to reduce the bandwidth usage, load time in web pages and for page functionality and Pop up Screens.
* Used **HTML** to make dropdown menus on web pages and display part of a web page upon user request.
* Developed **SQL** queries, stored procedures, for databases.
* Unit testing and Regression Testing of Web Application to fix the issues involved in the development.
* Prepared Test cases based on the requirements document.
* Developing Unit test cases in JUnit or other unit testing frameworks.
* Worked on bug fixing and enhancements on change requests.

**Environment:** MS SQL Server 2005, Java 1.5, Rapid Application Developer 7.5, WebSphere Application, DB2, XML, Web logic 11g, Spring STS, Maven, Subversion, Jenkins, JUnit.