**Jitendra Kumar**

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**Professional Summary**

Having Around 9 years of experience in iOS application development using Objective-C, Swift, iOS SDK’s, Cocoa Touch, Cocoa pods, Cocoa framework, SPM.

* Worked in **Swift3, 4.0, 5.0** and **Objective C** to created Native Mobile Applications in iOS application, and involved in analysis, design and development of the applications using X Code.
* Complete understanding of **object-oriented features** (Inheritance, Polymorphism, Abstraction and Encapsulation) and **Data Structures**.
* Framework expertise includes **UIKit, UIAlert, Photos, Push Kit, Foundation, Web Kit, Core Data**.
* Hands on experience in using various **Cocoa pods and SPM (AFNetworking, MBProgressHUD, Crashlytics, Mix panel, Google Analytics.**
* Expertise in Development Tools Instruments, **iOS Simulator**s and debugging tools **Memory graph debugger**.
* Thorough understanding and expertise in **MVC, Singleton, Delegation, Notification, MVVM, MVVMC, VIPER design patterns**.
* Hands on experience in using **Categories, Blocks, Storyboards, Xib, Auto layout and Size Classes**.
* Expertise in creating and customizing **Views, Table Views, Collection Views, Tab Bars and Navigation Bar** which are some basic functionalities in a Multi view Application.
* Good understanding with **memory management - Manual Reference Counting (MRC) and Automatic Reference Counting (ARC)**.
* Good working experience with the **RESTful APIs** to consume web services in **JSON** as formats by using Codable.
* Expertise in building responsive UI using **NSOperations Queue, Grand Central Dispatch (GCD)** for downloading data concurrently.
* Proficient in using **SQLite, Core Data, Plist files** to store data persistently.
* Proficient in using **Interface Builder** for creating, configuring, and connecting predefined framework object as well as instances of custom classes.
* Hands on experience using **Base Internalization** for localizing the application in multiple languages.
* Experience with Unit Testing using **XCTest frameworks and BDD**.
* Experience with source control tools like **GitHub and Source Tree**.
* Familiarity with the **iOS Provisioning Portal** and the process involved in obtaining development certificates, provisioning profiles, adding devices and creating App ID's.
* Clear knowledge in testing and distribution of the App on the App Store.
* Hands on experience on database technologies like **SQL and SQLite**.
* Thorough understanding of App store requirements iTunes Connect and **IOS Provisioning Portal (Certificates, App IDs, Provisioning and Distribution)**.
* Working experience of project management methodologies of **SDLC** such as **Waterfall, Scrum and Agile.**

**Technical Skills**

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| * **Version Control System:** | GIT |
| * **IOS Applications** | Objective C, Swift 3, 4, 5; C, C++, Cocoa Touch. |
| * **Software/Packages** | iOS 6 to iOS 16 with Xcode 6 to 14 and Swift 2 to 5 |
| * **OS** | MacOS 7 to 12 |
| * **Programming Languages** | JSON, XML, RESTful web services, Swift, Objective-C, SwiftUI |
| * **Databases** | Core Data, SQLite. |
| * **Operating Systems** | MAC OS, Windows |
| * **IDE** | Xcode |

**EDUCATION**

Bachelor of Technology from Rajasthan Technical University, Jodhpur, India.

**PROFESSIONAL EXPERIENCE:**

**Client: Cognizant Oct 2020 - Till date**

**Role: SR. SOFTWARE DEVELOPER (iOS)**

* Involved in doing AGILE practices, attending daily agile (SCRUM) meetings and SPRINT retrospective meetings. Worked with an Agile, Scrum methodology to ensure delivery of high-quality work with every iteration.
* Maintaining the iPhone and iPad applications and doing migrations to support latest OS and code base.
* Worked extensively on table view controller and made customized table view cells according to the client.
* Develop applications using Swift, XCode, Interface Builder, Instruments, Cocoa Touch, and other iOS development tools.
* Implemented **NS Operation Queue and NSURL Session** to integrate with backend web services.
* Implemented **CoreData framework** to store user Data.
* Used **XML, JSON** parsing to retrieve data for display from server using **REST web services**.
* Collaborating with external teams to troubleshoot functionalities and resolving issues.
* Developed navigation between views was mixture of using **Navigation controller, UITableViewController, UIGestureRecognizer, Tab-controllers.**
* Maintaining the singularity between the app and the back-end server using the NSURL Request and NSURL session for rating submission.
* Handled Memory management using **NSZombieEnabled** flag for crash detection and using Instrument’s tool for identifying memory leaks.
* Worked on **Jenkins Continuous Integration/Continuous Deployment (CI/CD)** to automate Software Delivery process.
* Integrated **Jenkins** build tools into **CI/CD pipeline** in AWS for iOS app development and testing.
* Implementing **Google analytics** to track the user actions and events throughout application.
* Integrated **Fabric service** to distribute application internally for testing and migrating to Firebase from Fabric.
* Implemented **Jenkins configuration** within app side and create and test builds.

**Client: Publicis Sapient Jul 2019 – Oct 2020**

**Role: SR. SOFTWARE DEVELOPER (iOS)**

* Lead implementation of new architecture on iOS app to support server-driven app flows by creating common classes to parse, create, and handle user actions using Swift 5 and Codable protocol.
* Invoked **RESTful Webservices** using **NSURLSession** and parsed JSON responses using Codable.
* Consume **RESTweb service** asynchronously and populate data on UI.
* Used **URL** Session to communicate **Web server**to collect property related information in **JSON**.
* Worked extensively with **google API's** creating route map.
* Constructed a modular component library using UIKit by leveraging **Storybaords and Auto Layout**.
* Collaborated with backend developers to create a common **JSON** structure used to generate client UI and abstract business logic away from clients across all platforms.
* Administered git release branches, performed code-reviews, and inspected crash logs to find and resolve issues to increase crash-free user experience.
* Utilized **POST/GET** method on **RESTful API**web service calls
* Incorporated the **Push Notification** feature using **APNS**, to notify the user when any file operations were done.
* Expertise in **MVVM design architecture**, **Cocoa design patterns**and concepts like **delegation, protocols, and categories**.
* Implemented **SQLite** embedded database to capture user data.
* Experience working with fabric kit framework for **iOS** App distribution.

**Client: Teknol India Pvt. Ltd Sep 2018 – Jun 2019**

**Role: SR. SOFTWARE ENGINEER (iOS)**

**Responsibilities:**

* Develop iOS applications using MVC architecture with Swift.
* Involved in core development along with requirement gathering, project plan and effort estimations leading to successful product delivery.
* Implemented multiple UI screens as demonstrated in UI specification document using **UICollectionViews, UITableviews**, custom views displaying **UITabBarController** with logics to display large amounts of data in the product catalog for the user.
* Worked in distributing alpha and beta builds through TestFlight and to App Store.

**Environment:** Swift, XCODE 10, IOS SDK’s, iOS12.

CocoaLumberjack, Fabric Crashlytics, UIKit, Cocoa Touch, RESTful, MVC Architecture, Unit Testing, Key Chain Access.

**Client: IntelliMedia Networks Jun 2016 - Aug 2018**

**ROLE: ios Engineer**

**Responsibilities:**

* Participating and contributes to all phases in building new digital products, including programming, defect correction, unit testing, code review, and deployment planning.
* Closely with product owner to define user requirements.
* Designing and developing iPhone applications using **Clean Swift architecture** with **Swift.**
* Involved in doing AGILE practices, attending daily agile (SCRUM) meetings and SPRINT retrospective meetings. Worked with an Agile, Scrum methodology to ensure delivery of high-quality work with every iteration
* Worked extensively on table view controller and made customized table view cells according to the client.
* Worked with UITableViews, Custom Cells, UIScrollViews, Navigation Controllers, delegates and protocols.
* Integrated Protocols and Extensions to comply with the **Swift** Coding Style.
* Handled custom menus, dialogs and creating image views with custom bar buttons.
* Worked with Cocoa Frameworks, which includes UIKit, Foundation, UI Date Picker.
* Used Instruments to check for processing memory leaks and retain cycles.
* Developed critical tools for this project like Customized Views, Page control and Scroll view.
* Developed navigation between views was mixture of using Navigation controller, UIGestureRecognizer.
* Used REST web services and JSON data to parse which is received from the Back-end developers.
* Worked extensively on Table view controller and made customized table view cells according to the client Pre-fetching data for different views for smooth screen transitioning.
* Used JIRA to track project status and bug tracking.
* Worked with NSURLSession for web service consumption and NSJSON Serialization for parsing said service responses.
* Project matriculated utilizing JIRA tool to assign & track the work progress
* Worked with GIT to checkout and update the codebase changes.
* Implemented Accessibility and Localizations on the application.

**Environment:** Objective-C, XCODE , iOS SDK’s, UIKit, Core Data, Cocoa Touch, RESTful, Core Location, Core Animation, Clean Swift Architecture, Unit Testing, Key Chain Access.

**Client: CG Technosoft. July 2012 – May 2015**

**Role: iOS developer**

**Responsibilities:**

* Developed entirely on **Objective-C** and migrated through the different versions of the language
* Designed UI via programmatic approach. Implemented **NSLayout Constraints, XIB and custom views**.
* Constructed and implemented UI designs using Storyboards with **Auto Layout constraints, XIB files**, and programmatically following Apple iOS Human Interface Guidelines.
* Designed and implemented custom Collection view cells and Table view cells.
* Worked with **UIKit Framewor**k for development and maintenance.
* To comply with the **Objective-C** Coding Style, made use of Protocols and Extensions.
* Handled memory management properly to avoid retain cycles and memory leaks.
* Implemented custom **UI TabBarController, UI Navigation Controller** for easy navigation throughout the app.
* Using Jira to maintain work logs and report progress. Created tasks and sub-tasks to keep track of development.
* Worked extensively on Table view controller and made customized table view cells according to the client Pre-fetching data for different views for smooth screen transitioning. Made use of table views, collection views and picker views.
* Created **App ID's** for iOS apps from Apple Member Centre. Additionally, Created and managed the application Provisioning Profiles for both Development and Distribution environments.
* Handled Code Review and bug Fixes.
* Performed Unit Tests on the generated code.
* Used Agile Methodologies and participated in Scrum and stand-up meetings.

**Environment:** Objective-C, XCODE , iOS SDK, UIKit, Core Data, Cocoa Touch, Agile Methodology, Scrum Methodology RESTful, Clean Swift Architecture.