**Dileep**

**Sr. iOS developer**

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**PROFESSIONAL SUMMARY:**

* **7+** years of experience in IT industry as a software developer in designing and developing user interface applications integrating with various databases and as iOS developer involved in design and development of iOS applications.
* 4+ years’ expertise in native iPhone/iPad application development in retailer and banking using **objective-C, swift, Cocoa and Cocoa touch frameworks.**
* Solid understanding of the mobile development life cycle.
* Extensively worked with development and debugging using **XCode, GDB and iOS SDK.**
* Strong command on object oriented programming and proficient in objective-C.
* Experience working in iOS frameworks like **foundation, UIKit, Core data, core text, Core animation, Core location, ImageKit, SQLLite.**
* Solid experience in working with user interface tools within XCode like storyboard and XIB files.
* Customizing the views using **table views, tab bars and navigation bars** for different views in an application.
* Strong understanding of design patterns like **MVC, singleton, GCD, delegate, decorator, NS Notification.**
* Experience working in data parsing forms such as **XML and JSON**.
* Good understanding and working with **REST and SOAP** web services.
* Expert in Apple Push Notification Service **(APNs)** for propagating information to iOS.
* Good understanding on the software development life cycle (**SDLC**) methodologies like**, agile, SCRUM and waterfall, iterative models.**
* Build user interfaces that dynamically respond to internal and external changes using constrained based approach **Auto Layout.**
* Integrating geo fencing SDK’s like **Roximity, Gimbal** and testing with nearby Beacons.
* Worked on third party libraries with the help of dependency manager **CocoaPods** and updating the SDK’s using **CocoaPods.**
* For better team match used **JIRA** software for planning, tracking, releasing and reporting.
* Proficient in memory management concepts like **Automatic Reference Counting (ARC) and Manual Reference Counting (MRC).**
* Experience in smooth transitions between UIViews by adding animations.
* Worked with **storyboards** to build the interfaces for transitions of the scenes, table views, autolayout and other.
* Good knowledge on unified modeling language (**UML**) in designing, analyzing and modeling of applications.
* Working knowledge of **Source Control Management** with strong emphasis on **Git** and proper Git Flow.
* Strong computer science fundamentals in **object oriented design, data structures, networking.**
* Experience with testing frameworks, continuous integration and build tools like **JUnit**, **Jenkins** and **ANT**
* Experience of databases that involve writing SQL queries, stored procedures, views, triggers and joins.
* Troubleshooting of reported problems with the ticketing system.
* Good experience in developing applications using **java and J2EE technologies with servlets, JSP, spring libraries, struts, JDK, applets, JDBC, java script, MySQL, RDBMS**.
* Involved in developing test plans, test cases (Manual/Automated), test Procedures and white-box and black-box testing.
* Acquainted in using web/application servers like Apache Tomcat, Web Sphere, and Web Logic.
* Experience in developing web pages using **JSP, HTML, HTML5 CSS, CSS3, XML, Java Script, AJAX, AngularJS and jQuery.**
* Worked on various platforms like **Linux, Mac, and Windows.**

**TECHNICAL SKILLS:**

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| --- | --- |
| **Programming languages** | Objective-C, swift, C, C++, Java, J2EE |
| **Web development skills** | HTML, CSS, Javascript, XML, JSON |
| **Storage** | SQLite, Core data, MySql, MS Access, DB2 |
| **IDE tools** | XCode. Eclipse3.2/3.0, Net Beans6.x, Rational Rose |
| **Design patterns** | MVC, Singleton, GCD, Delegate, Decorator |
| **Paradigms** | Agile, Object Oriented programming, Object oriented design |
| **Repositories** | SVN, GIT |
| **Web services** | SOAP, REST |
| **Platforms** | Mac OS, Windows, Ubuntu |
| **Application Servers** | WebLogic, JBoss |

**PROFESSIONALEXPERIENCE:**

**Prime Therapeutics (Prescription home delivery)**, **Minneapolis, Minnesota Sep 2016 – Present**

**Role: Sr. iOS Developer**

**App:** [**https://itunes.apple.com/us/app/ge-kitchen/id992883749?mt=8**](https://itunes.apple.com/us/app/ge-kitchen/id992883749?mt=8)

**Description**: General Electric Company (GE), incorporated on April 15, 1892, is a global digital industrial company. The Company's products and services range from aircraft engines, power generation and oil and gas production equipment to medical imaging, financing and industrial products. The Company's segments include Power, Renewable Energy, Oil & Gas, Energy Management, Aviation, Healthcare, Transportation, Appliances & Lighting, and Capital.

**Responsibilities**:

* This application was designed and implemented using **Interface builder**, **Instruments** and **Swift** and **Objective C**
* Developed code using **Navigation controllers, Action sheet, PageView Controllers, Custom view controllers, custom protocols.**
* Developed critical tools for this project like customized **navigation bar**, **page control**, **table view**, **image picker and scroll view.**
* Worked closely within a cross functional team of testers and developers.
* Worked on web service calls using **xml** parsing in the project.
* Added animation between **UIViews** for smooth transitioning and better user experience.
* Worked with Backend team to display the correct data format in devices.
* The user interface for this app was implemented using **UIKit** and **Foundation,AVFoundation, Core data, iOS9** Frameworks.
* Developed navigation between views was mixture of using **UINavigationController** and **UIGestureRecognizer.**
* Used **Instruments** to fine-tune the app performance and memory management.
* Involved in the code review meetings. Also fixed code and bugs in the code.
* Interacted with customer in business meetings to get the customer stories in the product backlog and also reported the status every week sprint.
* Attended daily scrum meetings to discuss the road.
* Followed Agile Engineering throughout the project to adapt the project to the changing requirements during the development of the app.
* Used **JIRA** to track project status and bug tracking.
* Used a **Test-Driven Development** (**TDD**) environment in a Scrum development methodology to provide end-to-end development.
* Familiar with **Core Animation** / UI animation concepts.
* Worked with **GIT** to checkout and update the codebase changes.
* Used Agile **Scrum** methodology for development.

**Environment:** IOS 8.x/7.x, Objective-C, Core Data, Xcode, Cocoa frameworks, MapKit, CoreLocation, AV Foundation, GitHub for version control.

**Starbucks Corporation, Seattle, Washington April 2015 - July 2016**

**Role: Sr. iOS Developer**

**App:** [**https://itunes.apple.com/us/app/starbucks/id331177714?mt=8**](https://itunes.apple.com/us/app/starbucks/id331177714?mt=8)

**Responsibilities:**

* Worked extensively with **Objective-C**, **XCode** and **JSON** for the application at hand.
* Used UI Tap Gesture Recognizer to interact with user inputs.
* Created Custom **UI Views**, custom table views, and custom **TableView** Cell for user interface.
* Programmed in order to acquire and store persist cacheable content such as static data, images and user preference data using **Core Data** and **NSUserDefaults**.
* Parsed data using **NSJSONSerialization** and display it on app, using custom Objects.
* Gathered all the requirements and prepared the requirement specification document.
* Wrote web service wrapper to form the request and parse the response to send it to UI..
* Agile practices: Continuous integration, Stand-up meetings, Sprints (i.e. every two weeks),
* Collective ownership, Sprint Reviews/demos, test case reviews.
* This application was designed and implemented using iPhone SDK, XCode, interface builder, Objective-C.
* Retrieved real-time data to ensure that the data was always updated.
* In order to save information regarding the user purchases and profile and the application uses **Core Data** as its main persistence coordinator.
* Participate in the discussion with the business experts to understand the Business requirements and mould them into technical requirements towards development.
* Created a Theme based infrastructure to able to cascade cosmetic change such as Font and Color with a single change.
* Used **Singleton design pattern** throughout the application.

**Environment:** iOS7, iOS 8.0, XCode5x/6x, Cocoa touch, Storyboard, JSON, UIKIT framework, core data, Singleton pattern, Table view Controller.

**Fifth Third Bank, Cincinnati, OH Nov 2013 - Dec 2014**

**Role: Jr. iOS Developer.**

**App:** [**https://itunes.apple.com/us/app/fifth-third-mobile-banking/id468738585?mt=8**](https://itunes.apple.com/us/app/fifth-third-mobile-banking/id468738585?mt=8)

**Description:** Fifth Third Mobile Banking App Enables users to access accounts, deposits checks, Transfer money and pay bills, find branches & ATMs by mapping directly to one of our Locations, tracking users Debit, credit and ATM transactions with instant alerts.

**Responsibilities:**

* Worked extensively on **Multi View** Applications and **Customizing Table Views**, **Navigation bars**, **Alert Views** and **Tab bars**.
* Worked on Secured Authentications, used **secure Text Entry** to visually protect password entry and Authentication mechanism.
  + UI and Application Designing using **NIB** files, to create and Manipulate User Interfaces graphically.
  + Created a Singleton handler to handle API request calls using **NSURL Connection.**
  + Worked on **Push Notifications** sent from server for new Alerts.
  + Used **Core Location Framework** to translate the GPS coordinates into street Address.
  + Utilized **MapKit Framework** to further display the location on Map.
  + Worked on **Geographical region monitoring** and **Beacon region monitoring** to detect a user’s entry and exit into specific regions.
  + Used the **NSFile Manager** to store the user order details in a file permanently.
  + Exposed to Test Driven Development with **Manual** and **Auto Testing** through iOS Frameworks.
  + Added **MKAnnotation** to mark Locations.
  + Implemented **AutoLayout** for Custom Views and TableViews as well by giving UITableView Automatic Dimension.
  + Implemented the **Multithreading, Grand Central Dispatch (GCD)** and **OperationQueues**.
  + Worked with **GDB** and **XCode** for debugging.
  + Integrated **Third Party Libraries** into the application using Cocoa Pods.
  + Implemented the code to perform the **SQL CURD** operations to the **SQLite Database**.
  + Worked on **NSUserDefaults** to get the last state of the application.
  + Parsed **JSON** data from the database using **NSJSONserialization** to the iPhone app, stored the information and check for any updates.
  + Worked closely with the Team leads and reported project progress on regular basis.

**Environment:** iOS 7.0-8.0, Mac OS X, Objective C, XCode, Agile Methodology, HTML5, CSS, REST, AFNETWORKING, JSON, SQLite, UIKit, GitHub, Web services, Instruments.

**CITI Technology Services, Chennai, India Mar 2011 - Sep 2013**

**Role: Web/UI Developer**

**Description:** CITI Technology Services provides critical technology infrastructure support, development and deployment of strategic software applications to Citi entities worldwide. Citi is the world's largest banking and financial services company.

**Responsibilities:**

* Conducted meetings/interviews and **JAD** sessions with stakeholders to collect business requirements.
* Responsible for understanding functionality at client side, requirement analysis and knowledge transfer.
* Implemented the project and fixed the bugs in the module.
* Involved in documenting the details related to Changes occurring in the system, following the Quality processes.
* Resolved tickets issued by users, successfully.
* Implemented the online application by using Java (OOPS, JDBC, JSP, Servlets, SOAP).
* Integrated **Spring** with **Hibernate** using configurations and implemented DAO layer to save entities into database.
* Created job details, activity diagrams, test cases and communicated with the client on a regular basis.
* Functionalities include writing code in **HTML, CSS, JavaScript, JQuery, Ajax, JSON.**
* Web application development with cutting edge **HTML and CSS3** techniques.
* Debugged all look and feel issues in the target browsers, in conjunction with quality assurance.
* Implemented **JavaScript** source code and embedded nested event handling logic using **JQuery** event handlers and call back functions.

**Environment:**  HTML, CSS, JavaScript, Ajax, JSP, OOPS, Eclipse, Java, J2EE, Struts 1.1, JSP 2.0, Web logic Application Server 8.1.