**Abhinay Keesara**

**Summary:**

* Results-oriented software developer with 7+ years of experience in developing Rich User Interface applications, integrating with various Databases and Client-Server applications.
* 4+ years of expertise in iPhone/iPad application development using **Objective-C**, **Cocoa Touch**, **Xcode**.
* Experience with Interface Builder, Instruments, Mobility Tester and Static Analyzer including development, debugging, profiling, optimizing, and build process.
* Hands on experience in Network protocols, Mac/Pc to iPhone data syncing.
* Strong knowledge in implementing Core Frameworks –**UIKit**, **Core Data**, **MapKit, Core Location**, **Core Graphics**.
* Proficient in source control with **Git**, **SVN, Mercurial**.
* Used XML parser, JSON, CSV to retrieve data for display on the iPhone/iPad from server, created and customized Views, **Table Views, Collection views, action sheets, segmented controls, Tab Bars** and **Navigation Bars.**
* Experience in application and web development with emphasis on HTML/ HTML5, XHTML, DHTML, XML, CSS 2/3, AJAX, DOM, JavaScript, jQuery, and JAVA technology.
* Expert in working with cutting edge front-end technologies/ framework and libraries like JQuery, Prototype, XHTML, DHTML, AngularJS, OO JavaScript, JSON, DOM, CSS, XML/XSLT, AJAX.
* Experience in designing websites with W3C standards using HTML4/ 5, CSS2/ 3 to get best cross-browser user experience for long-term user retention and engagement.
* Professional in creating Templates, Mockups and Prototypes, Web Interfaces, Layouts and Flow of Future Pages.
* Working experience of project management methodologies such as SDLC, Agile andScrum.
* Good understanding of Memory Management: **ARC** and **non-ARC** in iOS development.
* Worked on parsing with SBJson and LibXML, as well as NSXML Parser, NSJSON Serialization and Plist.
* Developed the applications as per specs. This included core development using various iOS frameworks and test drive development using framework.
* Capable of analyzing the business requirements, software requirement specifications, functional design documents to write technical design documents and unit test plans.
* Worked on MVC design architecture, cocoa design patterns and concepts like **delegation**, **protocols** and **categories**.
* Understanding of Apple iPhone App store requirements, HIGs, iTunes Connect, iOS Provisioning Portal (Certificates, App IDs, Provisioning and Distribution) and testing on real device.
* Experience on **NSO peration threads, GCD** and blocks to perform multi-threaded development.
* Worked with UI Design on Storyboard and interface builder.
* Coordinated with the QA team during the process of making the code move to staging server and testing the application for the several test cases and defect testing.
* Excellent communication, organizational skills, attention to detail and the ability to meet tight deadlines.

**Technical Skills:**

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| **Operating Systems:** | Mac OS X, Windows 10/8/7/XP/Vista, Windows Server, Linux. |
| **Programming Languages**: | C, Objective-C, Swift, Java, C++, C#, Python, JSON, HTML, CSS, SQL, JavaScript, VHDL, XML, HTML5. |
| **Databases:** | SQLite, Microsoft SQL Server, MySQL. |
| **Application Servers:** | PHP MyAdmin, XAMP. |
| **Source Control Tools:** | GIT, Mercurial, SVN. |
| **IDEs:** | XCode, Eclipse, Visual Studio, NetBeans, Pycharm. |
| **UI / UX Design Tools:** | Adobe Photoshop, Adobe Illustrator. |

**Education:** Bachelor’s in Electronics and Communication Engineering from JNTU, India

**Professional Experience:**

**Liberty Mutual, Dover, NH Jul 2014 – Till Date**

**Sr. iOS Application Developer**

**Responsibilities:**

* Worked with Objective-C, Swift and Cocoa Touch Frameworks, which includes **UIKit**, Foundation and Interface Builder.
* Created View controllers both programmatically and through storyboards.
* Pre-fetching data for different views for smooth screen transition.
* Worked extensively on table view controller and made customized table view cells according to the client.
* Worked on fetching data from web services and parsing data using JSON library.
* Worked with **MapKit framework** in the application to provide location services.
* Worked on **UI TableView Controller, UI Collection View** and **UI Navigation Controller** for the architectural implementation of the application using **Objective-C**, **AngularJS** and **Swift**.
* Formatted the Data as per Business rule to display in UI.
* Added animation between UI Views for smooth transitioning and better user experience.
* Worked with Backend team to display the correct data format in devices.
* Improved response time for user by implementing **NSOperation Queue** and created dispatch queues using **GCD** for background tasks.
* Built on swift but some reusable components which were developed with Objective-C are integrated using bridging header for future product release.
* Continually improved the user experience by analyzing and optimizing the UI, data storage and network communications.
* Implemented customized **UIAlertView**, UICollectionView to build the user interface of the application.
* Worked on memory management using ARC in swift.
* Involved in handling session management on client side using **NSTimer**.
* Worked with **AF Networking** in performing IP verification and user login.
* Worked on custom Activity indicator for better look of the application.
* Used the storyboard to design for iPhone 6 and iPad, older phones by using **Auto-layout**.
* Followed a work data flow principle for design and development.
* Worked closely within a cross functional team of testers and developers.
* Worked with **GDB** and Xcode for debugging.
* Worked with **GIT** to checkout and update the codebase changes.

**Environment:** iOS 7.1/8.0/9.0, Mac OSX, Objective C, Swift, iPhone, iPad, Xcode 6.0/7.0, Cocoa Touch, JSON, Agile Methodology, GCD.

**Novartis pharmaceutical, Parsippany, NJ Feb 2013 – Jun 2014**

**iOS Application Developer**

**Responsibilities:**

* Worked extensively on **UI Table view controller** and made customized table view cells according to the client.
* Implemented **UI Navigation and UI Tab Bar controllers** for easy navigation throughout the app.
* Worked extensively with objective C and Cocoa Touch frameworks including Core data, foundation, and UIKit.
* Implemented array of **UI Tap Gesture Recognizers** to allow users to zoom in for more detail.
* Implemented UI TabBar Controller and UI Navigation Controller for easy navigation in the app.
* Created View controllers both programmatically and through storyboards.
* Worked with Objective-C, and Cocoa Touch Frameworks which includes UIKit, Foundation, UI Image View.
* Involved in**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 with the backend team to communicate with **Restful** web services.
* Parsed **JSON** objects obtained from the server side and displayed the contents in the app.
* Implemented **NSOpertion Queue** and **NSURL Connection** to integrate with backend web services.
* Used Instruments to check for processing bottlenecks, memory leaks, and retain cycles.
* Worked on iPhone SDK and internet connection Protocols.
* Involved in Core Data Framework using **SQLite**.
* Developed critical tools for this project like Customized Navigation bar and Scroll view.
* Used a **Test-Driven Development** (TDD) environment in a Scrum development methodology to provide end-to-end development.
* Designed and developed latest trends for iPhone clients.
* Made use of Core Animation / UI animation concepts.

**Environment:** iOS 6.0/7.0, Xcode 5.0/6.1 iPhone, iPad, Mac OSX Cocoa Touch, UIKit, Storyboards, Foundation, Restful, NSURL Connection, JSON, SQLite, Agile Methodology.

**Hanes-Brand, Winston-Salem, NC Oct 2011 – Jan 2013**

**iOS Application Developer**

**Responsibilities:**

* Responsible for tech design and architecture of the project and working with user experience design team, business analysts, and clients to create the needed requirements artifacts.
* Designed the application's architecture using **MVC, Singleton** and **Delegation design patterns.**
* Extensive use of singleton and web service response classes for storing of data.
* Involved in designing the database architecture using Core Data framework.
* Implemented swipe gestures using UI Gesture Recognizer to allow smooth transition between screens.
* Built iPhone Application that uses UI Table View Controller, UI Tab Bar, UI Navigation Controllers, UI Image View.
* Integrated iPhone application with applications across all aspects of the client: performance, memory management, debugging.
* Multi-Threaded some of the tasks like downloading images, utilization Logging in iOS by running tasks in a separate thread using GCD blocks and **NSOperation** Queue for optimizing the performance.
* Used JSON Parsing and have excellent knowledge of it.
* Created Custom UI Table View cells with different styles to accommodate the **UX/UI** requirements and worked for it with the implementing approach of **AngularJS**.
* Consumed JSON web service to fetch the data, reformatted the data to group the departments under a parent product group and bind it to the customized Table View.
* Worked on iPhone SDK and internet connection Protocols.
* Upgraded to story boards and given ARC support to improve performance and source code organization.
* Heavy use of API calls deeply revolving around the use of JSON responses and encrypted data.
* Developed unit tests for testing specific functionality and logic.
* Fixed bugs as documented by QA team.
* Used Instruments to fine tune the app performance and memory management.
* Formatted the Data as per Business rule to display in UI.
* Created notifications to detect the autorotation in the customized sub views.
* Followed a work data flow principle for design and development.
* Worked closely within a cross functional team of testers and developers.
* Worked with GDB and Xcode for debugging.
* Worked with Subversion to checkout and update the codebase changes.
* Followed scrum methodology, an agile development model with 30 day sprints.

**Environment:** iOS 4.0/5.1, iPhone, Mac OS X, Objective C, Xcode 3.2/4.x, Cocoa Touch Framework,Core Graphics, JSON, Agile Scrum Methodology, SVN.

**Netwin Info Solutions, India May 2010 – Sep 2011**

**UI Developer**

**Responsibilities**:

• Coordinated with BA group for better understanding of functional requirements analyzed and designed

The business requirements to documented and implemented.   
• Responsible for Design and development of Web pages using **PHP, HTML, CSS** including Ajax controls and

**XML**.   
• Coded Business Logic component using PHP.   
• Developed UI using JavaScript, HTML, CSS, JavaScript validations and XML.   
• Implemented applications in JavaScript and **MYSQL**.   
• Worked extensively with the File management and image libraries.   
• Performed Client-side validations using **JavaScript.**  
• Fixed bugs and provided support services for the application.   
• Tested/Debugged web browser using Firebug.

• Wrote Python scripts to divide XML documents and load data in database.

• Developed Python modules to extract data from MYSQL database.   
• Managed and implemented all codes changes via **SVN**. Deploying builds across development, staging and

Production instances and maintained code integrity.   
• Created an inline-edit and widget-collapse feature for the web page.    
• Performed graphical design and web site contract work for small business and working professionals.   
• Met one-on-one with clients in exploring the best possible options for their web presence.   
• Handled duties ranging from creative design to code implementation. 

**Environment:** JavaScript, PHP, HTML, CSS, AJAX, Apache, Windows, MYSQL.

**Svarog Software Solutions, India Jun 2008 – April 2010**

**UI Developer**

**Responsibilities:**

• Worked with System Analyst and the project team to understand the requirements.   
• Converted the Photoshop mockups in to hand-written **HTML and CSS** pages.   
• Developed web pages applying best standards.   
• Designed dynamic and multi-browser compatible pages using HTML, DHTML, CSS and **JavaScript**.   
• Responsible for creating the screens with table-less designs meeting W3C standards.   
• Applied JQuery scripts for basic animation and end user screen customization purposes.   
• Used **AJAX and JSON** to make asynchronous calls to the project server to fetch data on the fly.   
• Designed CSS based page layouts that are cross-browser compatible on all the major browsers like Safari, Chrome, Firefox and IE.   
• Implemented various Validation Controls for form validation and implemented custom validation controls with JavaScript validation controls.  
• Responsible for fixing all bugs encountered and communicating back over to the QA team.   
   
**Environment:** HTML, JavaScript, CSS, Eclipse IDE, MS Office, Adobe Photoshop, Oracle, SVN, AJAX.