**AVINASH BANDI**

**Sr. iOS Application Developer**

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**PROFESSIONAL EXPERIENCE**

* Over 7 years of experience in all phases of SDLC, with emphasis on Mobile and Web Applications Development which includes development, designing, implementation, testing, maintenance and documentation of iOS and Web applications.
* Experienced in Application Development using **Objective C** and **SWIFT** on iPhone, iPad and tvOS platforms.
* Experience in using Apple frameworks including, but not limited to UIKit, Core Foundation and Cocoa touch, Core Frameworks like Map Kit, Core services, Core Graphics, Core animation, SQLite, Core Data, Core Bluetooth.
* Extensive experience Consuming **SOAP and REST Web Services** and 3rd party **APIs**.
* Strong Experience on **XCode** Interface Builder and **Instruments**.
* Created and customized views, **table views, tab bars** and **navigation bars** which are some basic functionality in a multi-view application.
* Expertise in **MVC, MVVM design architecture**, **Cocoa design patterns** and concepts like delegation, protocols and categories.
* Worked on Multi-threading concepts using **GCD** and **Operational** **queues** in order to achieve optimum performance.
* Experience working with in-app purchase application for the **iPhone/iPad** along with distinct marketing based applications enhancing sharing through **social networks** and email.
* Splendid work awareness in Agile development methodology (SCRUM & SPRINT).
* Proficient in programming languages such as **HTML 5** and **JavaScript**.
* Knowledge of **Object Oriented Concepts** and good development experience in using those concepts in building re-usable code.
* Proficient in source control tools like **Git and SVN.**
* Strong commitment to organizational work ethics, value based decision-making and managerial skills.

**PROFESSIONAL EXPERIENCE**

**ATT (DIRECTV), El Segundo, CA**.**Sr. iOS DeveloperSept 2015 - Present**

**Responsibilities:**

* Worked on Directv streaming application for the end user which enriches customer experience through features including Content Delivery, Mobile Live Streaming, Video on Demand, Interactive Services, Recommendations, Dynamic Ad Insertion and many others
* Rewrite the whole application from Objective C to Swift and worked with different versions of **Swift** (3.0 and 4.0).
* Implemented POC’s using ARKit and MLKit in iOS11.
* Develop application for all the devices (iPhone, iPad and Apple TV).
* Involved in planning design and architecture for the application and set up **Jenkins** for Continuous Integration.
* Implemented **MVVM** design pattern in the application.
* Worked on multiple features like mobile-DVR, cloud-DVR, Download and GO, Common Info, End Card, DAI (Digital Ad Insertion), Sever Migration.
* Implemented **Unit Tests** across the application for Common UI workflows and Core Functionality.
* Implemented **accessibility** framework in the application which can be used through out the application.
* Integrate **Set Top Box**(**STB**) into the application.
* Developed **custom collection views, cells, custom views** etc.
* Worked extensively with **NSData**, **NSPredicate, NSNotifications, NSOperation Queue & custom Table Views** in implementing the UI as per the client requirement.
* Integrate **AdManager** framework in **Videoplayer** to allow streaming for 3rd party content such as Hulu, HBO for Ad Transitioning.

**AppStore Link :** [**https://itunes.apple.com/us/app/directv/id307386350?mt=8**](https://itunes.apple.com/us/app/directv/id307386350?mt=8)

**Panduit Corp, Tinley park, IL. Sr. IOS Developer. Jan 2015 – Sept 2015**

**Responsibilities:**

* Worked extensively with **Objective C** and **Swift**.
* Web services deployment and testing on rest client.
* Responsible for Creating **Models** and Services in conformance with the WSDL's provided.
* Responsible for designing an Intelligent Asynchronous Cache Manager to separate the UI code from Service Call Code.
* Worked with **UIKit Framework** for the applications at hand.
* Worked with **core** **location** framework to get the user location.
* Responsible for Service Integration Development and Testing.
* Designed the complete **MVC** flow for the application with UI components and controllers to be used for iPhone.
* Created the complete database using **coredata**.
* Beta testing of the application via **test** **flight**.
* Publishing the application on App store and then pushing updates after every sprint release.
* Developed critical tools for this project like customized **navigationbar**, **pagecontrol** and scroll view.
* 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.
* Complete data base designing for both android and iPhone.
* Followed a work data flow principle for design and development.
* Worked on web service calls, **XML and JSON** parsing included in the project.
* Worked with **UIKit Framework** for development and maintenance.
* Worked closely within a cross functional team of testers and developers.
* Reported progress/challenges to onsite project lead.

**AppStore Link :** [**https://itunes.apple.com/us/app/panduit-select/id850601103?mt=8**](https://itunes.apple.com/us/app/panduit-select/id850601103?mt=8)

**Manheim Inc, Atlanta, GA Sr. IOS Developer Oct 2013 – Dec 2014**

**Responsibilities:**

* Implemented Dropbox **API** for sharing and backup.
* Implemented **NS Operation Queue** and NSURL Connection to integrate with backend web services.
* Implemented Core Data framework to store user Data.
* Used AV Foundation Framework to record audio from the device.
* Worked with **GDB** and **Xcode** for debugging.
* **JSON** based parsing response conducted and used for **AFNetworking**.
* Implemented using Storyboard and ARC.
* Involved in **Code** **Review**, **Code** **Fixes** and **bug** Fixes.
* 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.
* Worked with Subversion to checkout and update the codebase changes.
* Followed a work data flow principle for design and development.
* Worked closely within a cross functional team of testers and developers.
* Debugging issues at onsite whenever required.

**AppStore Link :** [**https://itunes.apple.com/us/app/manheim-com/id400320197?mt=8**](https://itunes.apple.com/us/app/manheim-com/id400320197?mt=8)

**Ebay, San Jose, CA iOS Developer April 2012 – Sep 2013**

**Responsibilities:**

* Implemented Core Data for persistent storage of user data.
* Created models in **MVC** and development of delegates for updating model information.
* Created of various views, table views, customized views and popovers.
* Redesigned several screens including default application landing screen as per newer wireframe.
* Created custom checklist and sharing them with selected app users by calling web services through **JSON** libraries and connecting to **SQ Lite** database with the objective C interfaces.
* Created of notifications to detect the autorotation in the customized sub views.
* Implemented **NS Operation Queue** and NSURL Connection to integrate with backend web services.
* Custom UI implemented with XIBs, and Manual Retain/Release memory management.
* Developed Navigation between views was mixture of using UI Navigation Controller, UI Gesture Recognizer, and UI Popover Controller.
* Took care of Code Review, Code Fixes and bug Fixes.
* Performed all tasks from UI design and implementation to writing code for various features.
* Used several methods for testing and tracking of application like kiwi.
* Designed **XSDs** to define the xml structure of data exchanged between iphone and server.
* Managed data and memory management from streamlining code and using various debugging tests.
* Interacting with QA on deliverables on every iteration and customer feedback implementation.

**AppStore Link :**  <https://itunes.apple.com/us/app/ebay-buy-sell-save/id282614216?mt=8>

**Damco Solutions, Bangalore, India. Java Developer. May 2010 - Mar 2012**

**Responsibilities:**

* Developed user interfaces using **Struts**, **JSPs**, **XHTML**, **CSS**, **Java Script** and **AJAX**.
* Used Value Objects, Service Locator and Singleton design patterns.
* Created CSS for formatting **JSP** pages.
* Configured **Struts-config.xml** file for the Application and Developed Custom tag libraries.
* Design and development of applications in **MVC architecture** using **JSP**, **Servlets**, **Struts**, **HTML** and **JavaScript**.
* Worked extensively with **AJAX** which loads part of the page dynamically and used java script to parse the DOM XML object returned by the **AJAX**.
* Wrote SQL queries, PL/SQL procedures for generating the data from Oracle database.
* Performed data loading using **spring, Hibernate**.
* Used **Hibernate** to automate persistence, designed application to automate the interaction between java objects and the Oracle database. Developed the Entity layer using **Hibernate** Object-Relational Mapping (ORM).
* Responsible for configuring the **Hibernate** to connect to the Oracle database and JNDI to lookup for services from various components
* Implemented **Web Services** for sending and retrieving data from different applications using **SOAP** protocol.
* Used **Service Oriented Architecture** (SOA) based XML **Web Services** for integration with other systems.
* Used **JSF Framework** for component based user interfaces.
* Developed Stateless Session **EJBs** and local Entity Beans and used the Session Façade Pattern.