VARUN

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**SUMMARY**

* 5 years of IT experience in designing & developing User Interface applications with rich look and feel, integrating with various Databases like SQLite, NoSQLthroughdesigning iOS applications in iPhone/iPad using Objective-C, Swift, Cocoa Touch.
* Experience in iPhone application development using Swift 2.0 IOS 9, Swift 3.0 IOS 10,

Xcode having developed IOS applications.

* Proficient knowledge of Programming Experience using Objective-C and Swift
* Experience in Mobile Applications including Software Development Life Cycle (SDLC), requirements and specifications, design, construction, testing, and maintenance
* Worked on parsing with both SB Json and Lib XML, as well as NSXML Parser, NSJSON Serialization and PLIST.
* Extensive experienced on client server applications using the web services of type REST, POST, SOAP and parsing of data using the XML and JSON parsers.
* Experience implementing multiple OOP architectures and design patterns including: MVC, Singleton, and Delegation.
* Proficient skills in Test Driven Development (TDD).
* Experienced in working with data parsing forms such as XML and JSON, to dynamically display data on iPhone/iPad.
* Experienced in Mobile Application Development using UIKit, Core Foundation, Core Location, Message UI frameworks with Cocoa touch
* Strong knowledge about Core Frameworks like, Map Kit, Core Data, AV Foundation, and Core services, UIKit.
* Created and customized views, table views, tab bars and navigation bars which are some basic functionality in a multi-view application.
* IBOutlet, IBActions in the storyboard.
* Understanding of signing and provisioning profiles.
* Proficient in source control for maintaining code versioning with Git, SVN.

**TECHNICAL SKILLS**

* Languages: Objective C, SWIFT 2.0 IOS 9, SWIFT 3.0 IOS 10, Java, C#, ASP.NET, MVC
* Scripting: Java Script, JQuery ,Angular JS,
* Databases: MySQL, SQLite, NoSQL, SQL Server
* IDE: Xcode 5, 6, 7,Xamarine
* Web Services: JSON, XML, RESTFUL API
* Services: Amazon Web services (S3 and RDS)
* Web development:HTML and CSS

**PROFESSIONAL EXPERIENCE**

**iOS Developer**

**Kroger – CINCINNATI, OH**

October 2017 – March 2018

**Project: Kroger**

**App Link:** https://itunes.apple.com/us/app/kroger/id403901186?mt=8

**Description**: Looking for a faster, easier, more rewarding shopping experience? Save time and money with the Kroger app! It puts convenience, savings and rewards at your fingertips. Simply download the app, create an account and register your Kroger plus Card to access all these great benefits like, easily build your online shopping list, and use it to shop in-store or to place your ClickList order, home delivery and many more.

**Responsibilities**

* Participated in project requirements, design meetings and prepared project specification and Scope document.
* Worked in agile environment, attended daily scrum meeting, and actively participated in sprint planning.
* Worked on every aspect of the iOS development process from API creation, design, and product.
* Developed project with swift and Cocoa Framework and custom designed cocapods which includes UIKit, Foundation frameworks
* Used different type of protocols and delegate methods for exchange of data between the controllers
* Had an experience with continuous integration and continuous development pipeline.
* The code base was designed in MVVM architecture
* Designed custom animations for banners, coupons in Kroger, and cells which are used throughout the app.
* Adapted this app interface on iPad and iPhone.
* Used Core Data to store the data through locally and also calls the web services that consumes through JSON and thus gets locally stored in the database a time period frame.
* Maintained consistency throughout the app.
* Written unit test cases and earl grey test (UI Automation) to ensure the method which as written returns expected output using test data driven development.
* Used GIT Repository for maintaining code versioning.

**Environment:**ios 10&11, Swif 3&4, Xcode 9, GitLab, JIRA,Cocoa touch framework, UIKIT frame work, Cocapods,Agile, SCRUM, Restful API,TDD, third party frameworks for authentication, Animations.

**Software Developer**

**UNIVERSITY OF HOUSTON CLEAR LAKE – HOUSTON, TX**

January 2017 – July 2017

**Client: Primary care centre clear lake**

**Responsibilities:**

* Developed this application both in ASP.net (Web) and Mobile (iOS).
* Participated in project requirements, design meetings and prepared project specification.
* Developed project with swift and Cocoa Framework, which includes UIKit, Foundation.
* Designed custom views, table views, Collection views, progress bars and validations.
* Developed Navigation between views was mixture of using UI Navigation Controller, UI Tab Bar Controller, and UI Table View Controller.
* Used different type of protocols and delegate methods for exchange of data between the controllers.
* Design and implement features for iOS native mobile applications
* Adapted this app interface on iPad and iPhone.
* Worked in an agile environment and used GIT Repository for maintaining code versioning.
* Added two features in web application part, which is encrypting the file before storing it into AWS S3 bucket.
* Implemented 3rd party payment gateway, where patients can make the payment to the clinic through online.

**Environment:** iOS 9.0 and above, iPhone and iPad Objective C, Swift 3, 4, Xcode 8 & 9 , Cocoa touch framework,NoSQL, UIKIT frame work, Social networking frame work(Google, Facebook), Asp.net, bootstrap, Encryption Algorithm, C#, AWS(S3,RDS).

**iOS Developer**

**GGK TECHNOLOGIES –** Hyderabad, Telangana

August 2014 – December 2015

**Project: Ecolab Pest control**

**App Link:** https://itunes.apple.com/us/app/ecolab-pest-elimination/id1277996738?mt=8

**Description**: Ecolab pest control app is used by the members of the Ecolab organisation, whom we call them as SVSP. They does the visit to houses, restaurants, motels etc in order to eliminate the pests like rodents, cockroaches, small flies and ants. SVSP members enters all the details like what type of treatment, where it is done, the ingredients used to kill pest and a final report about the bill payments.

**Responsibilities**

* Working Knowledge on libraries specific to SWIFT and implemented bridging header from objective-c to SWIFT.
* Co-ordinated with BA group as well as with the clients for gathering functional requirements analysed and designed the business requirements to documented and implemented.
* Developed Navigation between views was mixture of using UI Navigation Controller, UI Gesture Recognizer, and UI Popover Controller, UI Table View Controller.
* Designed some of the custom animation according to the requirement which as a rich look and feel.
* Designed custom views, table views, progress bars and validations.
* Worked closely within a cross functional team of testers and developers.
* Worked on Web Service calls, XML and JSON parsing included in the project.
* Worked with Backend team to get the correct data format that is used to display datadynamically in devices.
* Pre-fetching data for different views for smooth screen transitioning.
* Used different type of protocols and delegate methods for exchange of data between the controllers.
* Experienced with JSON data retrieval by using NSJSONSerialization and XML parsing with the help on NSXMLParser.
* We also implemented a Bluetooth connectivity where the staff/person can directly print the receipt from his mobile
* Implemented code to pair up mobile device and Zebra printer to generate receipts that is given to customers.
* Code hosted on GitHub repository using with SourceTree inorder to commit data and update the code base changes.

**Environment**: iOS 7, iPhone SDK, XCode 6, Web Services, PList, swift, CocoaTouch, SQLite, iPhone Simulator, Interface Builder and Instruments, GIT, JIRA, Agile.

**IOS Developer**

**KTREE SOLUTIONS –** Hyderabad, Telangana

September 2013- June 2014

**Project:** Samvaad- Vision India Foundation

**App Link:** https://itunes.apple.com/in/app/samvaad-delhi/id1071075587?mt=8

**Description:**Samvaad is a mobile application used by citizens of India that enables interaction between citizens and their elected representatives. It is a hyper-local platform to deepen democracy and improve governance.The users can rate their representatives on various parameters and also raise issues which concern them.

**Responsibilities**

* Participated in project requirements, design meetings and prepared project specification and Scope document.
* Used Core Data to maintain a Local database on user's device for his information and preferences.
* Used social media Framework like google plus, Facebook and twitter where users can directly log in to the app using their corresponding account.
* Worked with Objective C and Cocoa Framework, which includes UIKit, Foundation, MapKit, and Core Location.
* Customized UIButton, UITabBar, UIActionSheet, UIAlertView, and UITableView to build user interface of the application to have a rich look and feel.
* Implemented custom push notification.
* Experienced with JSON data retrieval by calling webservies by using NSJSONSerialization and XML parsing with the help on NSXMLParser.
* Familiar with Core Animation like using custom sliders and gesture recognition.
* Provided some cool features like accessing camera and photo library through app
* Used SVN to push changed codes as well as in order to maintain code versioning.
* Created provisioning profile for the app to deploy in phone as well as for push notifications.

**Environment:**Xcode 4, 5, Mac OS X, Objective-C, iOS SDK, Cocoa Framework, Core Location Framework, Google plus Framework, Facebook Framework Twitter Framework, SQLite, Webservices,PLIST, Camera API, iPhone Simulators, Cocoa Touch frameworks**.**

**Intern**

**Regional Telecom Training Centre, BSNL - Hyderabad, India**

**June 2012 – December 2012**

**Project: Android Mobile as a Touchpad for PC**

The client (mobile) can connect to the server (PC) using an encrypted shared password for the first time by giving IP address of server .The client then controls the PC by opening various applications in the PC like PDFs, PPTs and Songs etc.

**Projects Developed in Masters**

* An iOS app designed in swift called as **iExpensify**used by the roommates in order to keep track of their monthly expenses such as rent, current, internet and groceries etc.
* A simple app designed using objective-C which is Ikeypad where we will use different type of keyboards in iPhone to type the text on screen.

**EDUCATION**

**Masters in Computer Science**

University of Houston Clear Lake – Houston, Texas

**Bachelor of Technology in Computer Science & Engineering**

Jawaharlal Nehru Technology of University – Hyderabad, Telangana