**SATHYA.S**

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# PROFESSIONAL PROFILE

* Overall 7.5+ years of experience in software development for mobiles and MAC which includes understanding requirement specification, working on software design, development, testing and maintenance.
* Experienced on working iOS platform using Objective C and swift based on software development lifecycle.
* Experienced in handling webservices XML, JSON RESTful API’s for communicating application to the server.
* Worked on UI Layouts for different devices with Auto Layouts, Size classes, Stackviews using Storyboards and Swift UI.
* Experienced in Local, APNS, VOIP, Firebase and Custom notifications for sharing messages from the server.
* Worked on MVC, MVVM architectures and Singleton, Observer, Delegate, Notification patterns for development.
* Worked on different analytics like Fabric.io, Google Analytics and Firebase Analytics for improving application performance.
* Worked on Core Data, Plist, SAMKeychain, NSUserdefaults for storing data with the application.
* Experience in working different third-party libraries, social media integrations, Google map SDK & APIs, Alexa integration with Cocoapods.
* Experience in SAP Cloud platform for securing online/offline data and Worked on IOT SDK Integration with iOS frameworks.
* Experienced in SVN, GIT, Bitbucket version Controls for securing and maintain the source code.
* Worked using Agile, Waterfall and Test-Driven Development methodologies for delivering the application.
* Experienced in App distribution, provisioning profiles on Apple portal and Experienced in TestFlight internal & external Beta testing.
* Knowledge in React JS and React Native web/app development.

# EMPLOYMENT DETAILS

* Worked as a **Senior Software Engineer** in **Cloud Collab** from **June-2022 to July-2023.**
* Worked as a **Technology Analyst (IOS)** in **Infosys Limited** from **Feb-2020 to Feb-2022.**
* Worked as an **IOS Application Developer** in **Ceaselez Consulting LLP** from **Jan-2019 to Jan-2020.**
* Worked as an **Associate Software Engineer** in **NDOT Technologies** from **Sep-2015 To Aug-2018.**

# IT SKILLS

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| --- | --- |
| **Programming Language** | Objective C, Swift 5, React JS, Swift UI |
| **Database** | Core data, SQLite, SAMKeychain |
| **Frameworks / Libraries** | Cocoa Touch, Native Frameworks, Google Maps, Map box, Social Media Frameworks, Alamo fire, Firebase, Cocoa pods, Alamo fire, Charts, SAP Cloud Platform, Alexa, IOT SDK |
| **Web Services** | JSON, XML |
| **Operating Systems** | MAC OS, Windows, Linux |
| **Version Control** | SVN, Bitbucket, GIT |

**PROJECT DETAILS**

**Project 1:**

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| --- | --- |
| Project Name | Wiser Home |
| Technologies | Xcode, Swift, Cocoa Touch, Cocoa pods, Alexa, IOT SDK, GIT, Alexa |
| Team Size | 3 |
| Client | Ayla Networks |

**Description:**

Wiser gives you control to set different moments and schedules in every room providing.

the ultimate in comfort and convenience. Turn on, off, or dim the lights from your smartphone. You can also remotely illuminate the house before you get home or switch the lights off when you're out to save on energy. And wiser users can also use Alexa for moments & schedules operating.

**Responsibilities:**

* Integrated IOT SDK for developing the application using Native frameworks.
* Implemented Keychain service to store the login information the app uses.
* The application has been developed with Alexa integration to connect voice over to our application.
* Used the Google API’s and Core Location frameworks for tracking weather based on location.
* Used Git repository was used for version control and SourceTree used to connect to repository was Git for Mac
* Working with the QA team and testing tools to improve the application performance.
* Worked under Agile planning and completed expected deliverables on time for every sprint.
* Involved in internal/external beta testing using Ad Hoc/App Store distribution and deployed to the app store.

**Project 2:**

|  |  |
| --- | --- |
| Project Name | CLP HK |
| Technologies | Xcode, Swift, Cocoa Touch, Cocoa pods, REST API, Firebase, Alamo fire. |
| Team Size | 5 |
| Client | CLP Power Hong Kong Limited |

**Description:**

The CLP HK mobile app to experience our personalized e-Services. Just one app allows you.

to view e-Bills, make Mobile Payments, join the Power Connect activities, go Smart Shopping, and set up a new electricity account with the Move in Service and for Paying payment can add user account details. A fast, easy, environment-friendly way to keep track of and manage your electricity bills. You can get the notification via Email and SMS. Users can request the cause report with the customer for electric and Gas. Application will maintain the user data with online and offline by using SAP.

**Responsibilities:**

* Implemented Native frameworks to login the app using Apple Login, Twitter, and Facebook.
* Worked on SSL (Certificate Pinning) development with different sprints to improve networking performance.
* Integrated SAP Cloud platform for managing data with online and offline.
* Used GCD for background tasks to upload the attached and Implemented Firebase to send cloud messaging to the user.
* Used Cocoa pods to manage the dependencies in the app architecture.
* Implemented Dispatch Queues to perform tasks asynchronously and concurrently.
* Performed code integration and unit testing with the help of unit test and test apps.
* Fixing application bugs before the final release and Publishing application on App Store.

**Project 3:**

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| --- | --- |
| Project Name: | ENTUNIR |
| Technologies: | Xcode, Swift, Objective C, Cocoa Touch, Alamo Fire, REST API, Charts, Firebase, Native Frameworks, Cocoa pods, Bitbucket, APNS, Firebase. |
| Team Size: | 3 |
| Client: | Ceaselez Consulting LLP |

**Description:**

This application works like an employee management tool. In this, we can create the

meetings, can add meeting members & are able to conduct the meeting by online or offline and able to send MOM to all. Applications have profile details of that login user and company details. For every event, we intimate the employees who all are connected to that by email. It maintains uploaded and downloaded documents that all are shared. It provides all invoice details with status of every meeting & events. This application has an option to track employee presence at the work location and as well as employee location. It is very useful to track employee attendance for management.

**Responsibilities:**

* Involved into the UI development of the application which includes iPhone and iPad devices, performing different validations at client end, making service calls with the help of JSON requests, parsing the response coming from the backend and displaying the same to the user.
* Used third-party libraries and Firebase to be adding new functionality.
* Used Alamo fire to application connecting to the server and Used Firebase cloud messaging to get all app notifications.
* Working with Core Animation, Core Graphics and Core Text and Cocoa pods.
* Experience working with API / Social Media iOS initiatives.
* We used APNS silent notification for tracking employees even when the application closed.
* Involved in internal/external testing the application using Ad hoc distribution and through TestFlight app and distributed an iOS App on the App Store.

**Project 4:**

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| --- | --- |
| Project Name: | Taxi mobility Driver & Passenger |
| Technologies: | Xcode, Swift, Objective C, Cocoa Touch, Cocoa, MacOSX extensions Google Maps, Map box, APNS, Cocoa pods, SVN, Socket.io, Localization, REST API. |
| Team Size: | 6 |
| Client: | NDOT Technologies |

**Description:**

The Taxi mobility driver app is all set to respond to its passengers over a tap. Upon

activating GPS over the driver app, passenger requests can be received, accepted, or rejected. The driver can keep track of an ongoing trip. The details of the trip such as pick up and drop location, time, taxi type etc., are received from the passenger. The trip payments can be received via card or cash from the passenger. The passenger app allows you to book a cab easily using internet data by providing the details of pickup and drop location. The passenger can locate the taxi on the map using a GPS facility and book the taxi that is nearer to him/her. The fare is calculated automatically based on the distance. Payments can be done flexibly using card, wallet, or cash. The Passenger app can also choose the type of package and outstation plans.

**Responsibilities:**

* Involved into the UI development of the application which includes iPhone and iPad devices, performing different validations at client end, making service calls with the help of JSON requests, parsing the response coming from the backend and displaying the same to the user.
* Used Google maps, Map box for identifying and updating the location with global coordinates.
* Developed different native features like social integrations, Google maps for navigating the trips & Map box for calculating distance and fare from source to destination and finding nearest tolls if any.
* Involved multi-language support for iPhone and iPad based on country.
* Used payment SDKs for users paying the payment after completing the trip.
* Experience working with QA and lean testing tracking tools for mobile applications.
* Involved into the build and release part of the application for iOS platform.

**EDUCATION**

* B.E(Computer Science) in Nandha Engineering College, Anna University in 2013

**Personal Details**

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