ARPIT SUGANDHI

Sr. Technical Lead – iOS
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Career Summary:
10.8 years experienced in iOS application developer professional with comprehensive strategic planning and development skills, good communication and technical skills. Skilled in cultivating positive relationships with clients and colleagues.

Work Experience:
HCL Technologies Ltd – Senior Technical Lead
April 2022 - Present

Systango – Senior Software Engineer
March 2021 - March 2022

Cyber Infrastructure Pvt Ltd – Senior Software Developer
October 2013 - March 2021

Technical Skills:
Languages: Swift, Objective-C, SwiftUI(Beginner)
OS: Mac OS X V10.7 – Mac OS 14
Development Tools: Xcode, VS Code
Databases: Core Data, Sqlite
Parsing Technique: JSON Parsing and XML Parsing
Version Control: Git, GitLab, Bitbucket
Area of Expertise and others:
- UIKit, Cocoa Touch, Core Animation, Core Graphics, CocoaPods
- Architecture: Creating reusable libraries, MVC, MVVM
- Delegates and Protocols, REST APIs, Swift Codable APIs, JSON Encoder and Decoder, Generics, Access specifiers
- URLSession, Alamofire
- Core Location Maps, Google Map, Apple Map, Google Place API
- UI: Custom UI, Xcode Auto-layouts, Size Classes, UI Interface with Storyboard, basic knowledge to create UI via programmatically, Good knowledge of Apple UX design guidelines.
- Unit Test cases with mock APIs handling, UI Test case with Accessibility (Beginner)
- Multithreading, GCD, Operation Queue, ARC, In-App Purchase, App localization, Assets with light and dark mode app
- Accessibility framework with Accessibility Inspector, Voiceover, Dynamic font sizes and its customization, Bold Font
- APNS or Apple Push Notification Service, Memory management

- Payment Gateway Integration, Charles tool knowledge
- iPad Apps, iCloud, Social Login Integration
- Knowledge in Git, JIRA and Agile processes
- Hands on 3rd party libraries frameworks
- Certificates creation and App submission process on iOS App Store
- Firebase (Analytics, Cloud messaging, Crashlytics etc.)
- Code debugging skills: Independently identify errors and solve them easily
- Experience in working with Agile and Scrum software development processes.
- Dealt with clients for requirement gathering, structural designing, optimizing features and suggesting improvements in application to benefit users.
- Ability to work independently and manage multiple tasks effectively. Able to work with a team to define, design and ship new feature.
- Experience leading a small team (1-3 members) of developers and delegating tasks.

Project Profile:
Develop apps from scratch as well as enhance the applications (more than 30+) with MVC and MVVM patterns.

(1) Tolls NY or NYEZPass (iPhone Application)
Duration: 9 months
Description: Tolls NY is the only official authorized app for E-ZPass NY and Tolls by Mail customers to easily manage accounts and make payments. Manage your E-ZPass account, find and pay Tolls by Mail invoices, view your driving history and more. App supports three languages in the app (English, French, Spanish).

Roles and Responsibilities:
- Implemented accessibility features (VoiceOver, Dynamic Text/Font, Bold Font) in complete app (iPhone), tested with Accessibility Inspector and VoiceOver, also fixed its critical bugs.
- Involved in SignUp module, it contains all user details up to 25 pages. There are 2-3 types of SignUp process available in the app.
- Involved in manage and fix AutoLayout/Constraints in normal case as well as Dynamic font in case of Accessibility feature.
- Involving in Code review process.
- Helped to the team members and shared code improvement suggestion them.
- Handled web services with Codable API (Encodable and Decodable protocol)
- Development testing.

iTunes Url: https://apps.apple.com/us/app/tolls-ny/id1503631764

(2) ASDA (iPhone and iPad Application)
Duration: 8 months
Description: Asda is Grocery shopping app and Grocery shopping made easy for users. By this app users can shop their way (iPhone and iPad), scan items at home, create shopping list quickly and easily, organized shopping, find their nearest store according to user GPS location, do payment, use voice over features (accessibility feature) and other more interesting features.

Roles and Responsibilities:
- Implemented accessibility features in complete app (iPhone and iPad), tested with Accessibility Inspector and VoiceOver, fixed its critical bugs.
- Involved in Shop module bug fixes. Shop module includes Categories, Subcategories, Festival Offers, Black Friday Offers, Christmas Offers, includes different types of banners with all details and its related products with offers etc.
- Involved in managing new UI of app after converting app in iOS 13 version.
- Involved with designer team to make user friendly UI for some modules.
- Involving in Code review process.
- Handed and added new keys in Firebase Remote Config as per requirements.
- Helped to the team members and shared code improvement suggestion time to time.
- Development testing.

iTunes Url: https://apps.apple.com/gb/app/asda/id396089960

(3) Hoflaedeli24 (iPhone Application)
Duration: 2 years
Description: Hoflädeli24.ch is launched with the latest generation of vending machines. They have the advantage over farm shops that they are open 24/7 and are not tied to a fixed location. The app provides information about the range, availability, route and provides the user with background information on the product. Suppliers manage their products in a supplier profile, so everyone has the opportunity to describe their own products in more detail or to show a video. Producers and their products can be rated by the app users, which means that the offer can be perfectly tailored to the needs of the customers at every machine location. Another advantage can be seen, for example, with seasonal products, because the app informs "fans" of certain products via push message as soon as they are available.

Roles and Responsibilities:
- Implemented complete features in the app with help of MVVM pattern.
- Lead developer in this project and provided technical support to the team as well.
- Involved in web services handling using UrlSession with Codable API (Encodable and Decodable protocol)
- Involved in client communication, development testing and bug fixes.
- Developed UI components with the help of storyboard and xibs.
- Involved with designer team to make user friendly UI.
- Implemented Apple Push Notification, Added Firebase Crashlytics

iTunes Url: https://apps.apple.com/ch/app/hoflaedeli24-ch/id1525712520

(4) Clever Supermarket (iPhone Application)
Duration: 3.9 years
Description: Clever Supermarket compares the prices of all the goods in your wish list throughout every supermarket in the United Kingdom and organizes how best to deliver these goods to your front door. We also "fold in" private vendors who sell bespoke produce to include in your weekly grocery shop. We work harder for you to make grocery shopping hassle free.

Roles and Responsibilities:
- Interacting with client to understand different modules of app and finalized its scope.
- Helped to the team in crucial modules and easily solved their problem.
- Handled two types of logins (Customer, Vendor) and implemented its complete features in the app.
- Implemented social login (Gmail, Facebook, Apple and Touch Id).
- Implemented Core Data to store different details according to user roles.
- Handled web services using Alamofire with Codable API (Encodable and Decodable protocol)
- Involved in developing UI components for the application.
- Involved with designer team to make user friendly UI.
- Implemented Apple Push Notification and Notification handling in the app.
- Development testing and bug fixes.

iTunes Url: https://apps.apple.com/gb/app/clever-supermarket/id1344741608

(5) Agroworlds (iPhone and iPad Application)
Duration: 1.2 year
Description: Agroworlds is an app where users carry out their business operations into Agricultural Commodities and Agroworlds application help them to simply business processes and operations of business Application is focused on eliminating problems faced in the international trades market around Agricultural commodities by providing automation solutions for daily activities and task. App supports three languages in the app (English, Arabic and Chinese).

Roles and Responsibilities:
- Interacting with client to understand different modules of app and finalized its scope.
- Handled three types of user logins (Simple User, GH, CH) and implemented its complete features in the app.
- Involved in developing UI components for the application.
- Involved with designer team to make user friendly UI.
- Implemented Firebase Notification and Notification handling with Tab Bar case in the app.
- Handled web services using URL Session with Codable API (Encodable and Decodable protocol)
- Involved in code review process, development testing and bug fixes.
- Managed app localizable feature with single class, Storyboard and static strings, assets for crucial RTL support with easy solution.
- Implemented user interface of complete app with different storyboard i.e., Storyboard Refactor

iTunes Url: https://apps.apple.com/at/app/agroworlds/id1615981512 , https://apps.apple.com/us/app/agroworlds/id1615981512?uo=2

(6) Flash: Voice Calculator (iPhone Application)
Duration: 1 year

Description: Flash is an awesome and simple Natural Language Calculator. Flash can perform a broad range of math operations ranging from simple calculations to complex scientific and graphing operations using just your natural language. Flash is very easy to use. All you have to do is to tap the microphone and ask your math question to get your answer. You can also edit your question by just tapping on the "input" field and the "go" key on the virtual keyboard. Users can share the results via email or any messaging app on their smartphone and see all historical operations.

Roles and Responsibilities:
- Implemented social login (Gmail, Facebook and Apple Login).
- Involved in handling web services using Alamofire.
- Store and retrieve data via Firebase.
- Implemented user interface of complete app with different storyboard i.e., Storyboard Refactor
- Development testing and bug fixes.

iTunes Url: https://apps.apple.com/us/app/flash-voice-calculator/id1494320454

(7) LITISrd (iPhone Application)
Duration: 1.4 years and now we worked on app compatible with latest version support with new features.
Description: LITISrd is an app used to help people and companies solve their problems. User will be able to upload their cases & documents and share them on social networks for other users to see and vote for one of the affected parties. User can register with a personal account or business account to help companies manage their accounts receivables. LITISrd is an alternative conflict solution entity for handling simple claims, accounts receivable etc. Its main objective is to serve as a source of information and mediator for each case. This app supports English and Spanish languages.

Roles and Responsibilities:
- Handled complete app feature with two types of logins (User and Company) in the app.
- Developed Localization in the app (languages: English and Spanish).
- Handled web services using Alamofire.
- Developed social networking types features (upload post, vote, comment and share) in User module.
- Developed user interface of complete app with different storyboards for both modules.
- Development testing and bug fixes.

iTunes Url: https://apps.apple.com/us/app/litisrd/id1086368909

(8) Mallalone (iPhone Application)
Duration: 1.10 years
Description: Mallalone is an application was created to provide a way for you to communicate your order to any business displayed on this app. App business is to link users (sellers and buyers) in a fast and convenient way to search information about products submitted by a

provider, merchant, owners or seller and directly negotiate and make orders and receive requests. We created this app to establish a market for small business and incubators on order to market their innovative, sole or unique products buyers want to order and purchase. User can directly communicate with buyers by the chat feature. Any user can also create their own shop and maintain easily by this application. This app supports English and Arabic languages.

Roles and Responsibilities:
- Understood complete project requirements and shared suggestions to client time to time regarding app features to develop good product.
- Handled complete app feature with two types of logins (Customer and Seller) in the app.
- Implemented Google Places API's integration.
- Implemented CoreData to store different details according to user roles.
- Handled web services using URLSession.
- Implemented Localization in the app (languages: English and Arabic).
- Implemented user interface of complete app with different storyboards.
- Implemented Chat and Push Notification features.
- Implemented Subscription feature.
- Development testing and bug fixes.

iTunes Url: https://apps.apple.com/us/app/mallalone/id1192720410

(9) eGoVisa (iPhone Application)
Duration: 1.8 years
Description: eGoVisa is a Business Category application. The objective of this application is to provide a centralized system to the people that offer different facilities and information about Visa and its related activities such as-
- People would be able to get information about visa requirement for a particular destination country/zone.
- Apply for visa through this system and hence would be able to upload and save various documents necessary for the visa application process.
- People would be able to report their embassies about visa lost.
- The system will offer user to make trip for a destination where user can book rooms in the hotels of the destination place. User would be able to book flights for arrival and departure.
There are many more features that are intended to be added in this system.

Roles and Responsibilities:
- Handled user registration process with 6-7 steps.
- Handled Forex section features. It was approx. same features of live data of Sensex.
- Handled complete Email features in the app.
- Implemented flight booking and hotel booking section.
- Implemented PayPal Payment Gateway.
- Handled web services using URLSession.
- Handled user interface of complete app with different Xibs and Storyboards.
- Development testing and bug fixes.

iTunes Url: https://itunes.apple.com/us/app/visaport/id950298173?mt=8

(10) TIPA (iPhone Application)
Duration: 1.8 years
Description: It is a tip-based application. The main objective of this application is to give tip to any workers for their services. With this application, user can search restaurant to their GPS location and after providing good services by workers; user can directly give tips, comments, ratings to specific worker with the help of this app. User can also add an amount to their wallet. Workers and Users both can use this application and fulfill their requirement easily by this app.

Roles and Responsibilities:
- Interacted with client to understand the project.
- Handled complete app feature with two types of logins (User and Restaurant) in the app.
- Integrated Google API's (Autocomplete, Search restaurant and fetched its complete details from google api etc.)
- Implemented Stripe Payment Gateway.
- Handled user interface of complete app with different storyboards.
- Handled web services using URLSession.
- Handled complete app with Junior Developer and created successful project.
- Development testing and bug fixes.

iTunes Url: https://apps.apple.com/us/app/tipa/id1443058660

Education:
Master of Computer Application (MCA), RGPV Bhopal (M.P.) in 2013 with CGPA of 7.80
Bachelor of Computer Science (B.Sc.), DAVV Indore (M.P.) in 2009 with 72.00% aggregate marks.
High Secondary, MP Board, Bhopal (M.P.) in 2004 with 85.33% marks.
High School, MP Board, Bhopal (M.P.) in 2002 with 79.20% marks.

Personal Profile:
Father's Name: Krishnakant Sugandhi
Blood Group: O+
Nationality: India
Languages Known: English, Hindi