VIKRAM JAGAD

IOS APPLICATION DEVELOPER

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📍 Ahmedabad, Gujarat, India.

🌐 https://bio.link/vikramjagad

SKILLS

- SwiftUI, Swift, Objective C, C++, RxSwift
- iOS Frameworks - UIKit, Core Bluetooth, External Accessory, CoreData, Core Location, Combine, HealthKit
- Socket I/O, MQTT and CI/CD
- Multi-threading
- Database design
- Collaboration and communication
- Quick Learner

EDUCATION

M. TECH IN SOFTWARE SYSTEMS

Bits Pilani | Work Integrated Learning Program

2022 - Present

B. E. IN MECHANICAL ENGINEERING

Gujarat Technological University

2014 - 2018

PROFILE

Organised, collaborate, and highly skilled iOS developer with 5+ years of professional experience in dynamic and deadline-driven work environments. In previous roles developed 20+ iPhone and iPad apps, earned feature mentioned in App Store.

EXPERIENCE

SENIOR ENGINEER (LEVEL 1)

eInfochips - An Arrow Company

July 2021 - Present

- Performed technical designs and implementation of 4 complex iPhone and iPad apps.
- Reviewed client requirements, wireframes, and designs for technical feasibility.
- Collaborated with scrum team to translate client requirements into implementable user stories.
- Improved product quality through code reviews, writing effective unit tests and collaborating with QA on implementing automation testing.
- Imported the C++ library from the Android application into the iPad/iPhone application.
- Designed base MVVM project architecture.

SENIOR IOS DEVELOPER

BinTech Services

April 2021 - July 2021

- Worked as contract developer for eInfochips

IOS DEVELOPER

Silvertouch Technologies Pvt Ltd

December 2017 - April 2021

- Worked closely with product managers and designers to define a rich iOS experience for the user.
- Supported the architect in improving the native iOS codebase.
- Explored new technologies and shared findings with the team.
- Worked on health care application with 4+ rating.
- Developed a government application with 10 million+ downloads.

PROJECTS

App Name and Description	Contribution	Development Tools
Vacuuming and Mopping Robot App This app works together with Robot OS to make cleaning easier. With it, enhanced maps, the ability to clean specific objects, custom routines, seasonal suggestions, and intuitive smart home integrations are made easy. Create cleaning schedules, save favorites, and adjust them on the fly. User gets personalized cleaning recommendations based on what's happening in his/her home, and even tell robots to clean while he/she is away with smart home integration. It can also control staying away from Keep Out Zones.	• Working on new features, modifications in C++, iOS, and Android applications. • Create/Modify C++ files using djinni (library) interface. • Resolving critical bugs for release. • Create/Modify unit test cases to test all business logic. • Code review of PR. • Deployment of iOS application on App Store. • Helping newly enrolled developers to get familiar with the project. • App Store Link - https://apps.apple.com/us/app/irobot-home/id1012014442	• Xcode • Android Studio • App Code • Instruments • Accessibility Inspector • Appium • Bitrise
Medical Device App This device brings the capabilities of powerful high-end systems and engineering to a sophisticated mobile solution to support point-of-care physicians, with diagnostic quality images and advanced feature sets including AI-assisted EF that computes ejection fraction and stroke volume. This device is intended to be used by qualified and trained healthcare professionals in the clinical assessment of the cardiac and pulmonary systems and the abdomen.	• Development and Unit testing of iPad Application. • Create user stories, sprint review and code review of team. • Successfully ported and modified C/C++ device communication library of Android to iOS application. • Generated xcframework for C++ library and imported in iOS project. • Implementation of multiple endpoints for communication between device and iOS Application. • Successfully connected device to iPhone and data transfer from device to iPhone, vise versa. • App Store Link - https://apps.apple.com/us/app/echono us-kosmos-ultrasound-app/id1623153161	• Xcode • Instruments • Accessibility Inspector • InteliJ Idea CE • Appium
Messenger BLE App Messenger BLE is Integrated telemetry and monitoring system used for the management of remote assets. Frequently used in the industrial market for a variety of applications such as generators and OEM-specific equipment requirements. This app connects to device with the use of Bluetooth, controls channels, over the air firmware and bootloader updates and manages the templates of channels with the use of database.	• Requirement gathering and understanding form client. • Development and Unit testing of iOS Application. • Create user stories and sprint planning. • Database design along with team. • Deployment of iOS Application App Store. • App Store Link - https://apps.apple.com/us/app/messe nger-ble/id1590351853	• Xcode • Instruments • VS Code

App Name and Description	My Contribution	Development Tools
KMM Bluetooth App This Bluetooth device brings the capability of detecting the crakes with the use of crake sensor. This app has one module which contains functionality like connection to device with the use of Bluetooth based on data stored in database from Admin user. Application can also calibrate the new values based on data received from device.	• Development of iOS Application. • Understanding and implementation of the code provided by client for demo purpose, create architecture of communication with Bluetooth device.	• Xcode • Android Studio
Stress Monitoring App This app uses heart rate monitor(s) with Bluetooth low energy (BLE) to measure stress based on Heart Rate Variability (HRV).	• Understand the code of the application along with the functionalities. • Implement new features and modify the code based on client requirement. • Deployment of iOS Application on App Store. • App Store Link - https://apps.apple.com/us/app/sumondo-pro/id1157691828	• Xcode
Social Contact App Social contact app that keeps your contacts updated. When user's friends change their job/address/number, his/her contact list will get automatically updated. Which means no more dead contacts or duplicate contacts.	• Understanding the functionality of the application. • Improvise the coding structure of the application. • Code review of team.	• Xcode • Postman
eCommerce App From this app, user can order and buy clothes, ornaments & many more stuffs.	• Development of iOS application. • Code review of team. • Create an API documentation according to JSON needed to display data on screens. • Implementation of PlugNPlay SDK of PayUMoney for payment process in the application.	• Xcode • Postman
Parliament Member App It brings latest information, instant updates & helps contribute towards various tasks. It provides a unique opportunity to receive messages and emails directly from parliament member.	• Development of iOS application. • Implement new features and modify the code based on client requirement. • Deployment of iOS Application on App Store. • App Store Link - https://apps.apple.com/us/app/narendra-modi/id1016781909	• Xcode • Postman