



CONTACT

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📍 Ahmedabad, INDIA

✉️ sajgan2006@gmail.com

📅 11 Years 8 Months of experience

EDUCATION

2011

MCA - Computers

Gujarat University

2007

BCA - Computers

Gujarat University

2004

XIIth

Gujarat, Gujarati

Marks - 60%

2002

Xth

Gujarat, Gujarati

Marks - 73%

LANGUAGE

English

Gujarati

Hindi

SAJAN GANDHI

TECHNICAL LEAD - IOS

PROFILE SUMMARY

Highly skilled Technical Lead (iOS) with over 11 years of experience in developing high-performance iOS applications using Swift and Objective-C. With a solid technical foundation and a deep understanding of mobile app development, I have developed 20+ large-scale iOS applications across various industries, including healthcare, finance, field-service and e-commerce. I am proficient in utilising frameworks such as Cocoa Touch, Realm, CocoaPods, Alamofire, and Firebase to build scalable and robust applications.

WORK EXPERIENCE

2024 - 2024

Technical Lead - iOS

Coditas Technologies

1. Technical Leadership: Guide and mentor the iOS development team, providing technical direction, code reviews, and support to ensure high-quality code and adherence to best practices.
2. Architecture Design: Design and implement the application architecture, making decisions about frameworks, libraries, and tools to optimize performance and maintainability.
3. Project Management: Collaborate with product managers and stakeholders to define project scope, timelines, and deliverables, ensuring alignment between technical and business goals.
4. Hands-On Testing: Write and maintain unit and UI tests to validate functionality, performance, and usability, ensuring that new features meet quality standards before release.

CORE COMPETENCIES

iOS Development Expertise

- Swift, Objective-C
- iOS SDK, UIKit, Swift UI, Sqlite, Core Animation
- Xcode, Interface Builder

Architecture & Design

- Clean Architecture Principles (SOLID)
- Dependency Injection
- REST/SOAP API Integration
- iOS Architecture Patterns (MVC, MVVM, MVVM-C)
- Design Patterns (Singleton, Extension, Delegation, Observer)

Performance & Security

- Memory & CPU Optimization
- Multithreading
- Unit Testing (XCTest), UI Automation (XCUITest), BDD Testing (Cucumberish)
- Security Best Practices (Encryption, Secure APIs)
- Performance Profiling (Instruments)
- Offline Data Handling

Technical Leadership

- Team Leadership & Mentoring
- Agile Methodologies (Scrum, Kanban), Jira
- App Store Deployment
- Code Reviews & Best Practices
- Cross-functional Team Collaboration
- Requirements Gathering
- Project Roadmap & Delivery Management
- Technical Documentation & Reporting

Tools & Version Control

- CI/CD Tools (Github Actions, Bitrise)
- Fastlane

5. Code Quality Assurance: Enforce coding standards and testing protocols, conducting thorough reviews of tests written by team members to ensure they are effective and maintainable.

6. Cross-Functional Collaboration: Work closely with UI/UX designers, backend developers, and other teams to ensure seamless integration and delivery of features, addressing any technical challenges that arise.

2020 - 2020

Senior Software Engineer (iOS)

Coditas Technologies

- Lead iOS development, managing end-to-end project delivery and team coordination.
- Mentor and guide developers, conducting code reviews and enforcing coding standards.
- Manage client communication, gathering requirements, providing updates, and addressing feedback.
- Write clean, efficient, and scalable code using Swift/Objective-C.
- Implement Unit (XCTest) and UI tests (XCUITest) to ensure code quality and functionality.
- Collaborate with cross-functional teams to define, design, and deliver features.
- Debug and resolve complex performance issues, ensuring app stability and security.
- Ensure compliance with App Store guidelines and project timelines.

2015 - 2020

Senior iOS Developer

DRC Systems Ltd.

- Lead iOS development projects from concept to release, ensuring timely delivery.
- Design, develop, and maintain scalable iOS applications using

Swift/Objective-C.

- Manage and mentor a team of developers, conducting code reviews and fostering best practices.
- Act as the primary point of contact for clients, managing requirements, updates, and feedback.
- Collaborate with product, design, back-end and QA teams to define and deliver features.
- Oversee project timelines, resource allocation, and technical decisions.
- Debug and resolve performance issues, bugs, and crashes.
- Coordinate App Store submissions, ensuring compliance with guidelines and managing deployment processes.

2013 - 2015

● **Technical Analyst (iOS)**
Priya Softweb Solutions

- Develop large-scale enterprise iOS applications using Objective-C.
- Ensure efficient, maintainable, and scalable code to meet business requirements.
- Collaborate with cross-functional teams to define, design, and deliver robust features.
- Optimize app performance, scalability through best coding practices.
- Debug and resolve complex performance issues and bugs to ensure app stability.

PROJECTS

SENSORA (iPad App)

24 Months

Platform: iOS (15+) | *Language:* Swift 5.7

Developed the SENSORA app, a healthcare solution that integrates with Eko devices to capture and

analyze cardiac exams. The app enables real-time ECG and PCG data visualization, using complex AI algorithm to generate cardiac exam results.

Key features include BLE peripheral connection, real-time ECG & PCG graph plotting, caching patients, recording data into the realm database and integration with Mixpanel analytics. The app supports background audio mode for seamless recording during exams.

App Store Link:

<https://apps.apple.com/us/app/sensora-by-eko-health/id6454231338>

Eko Clinic

12 Months

Platform: iOS 13+ | *Language:* Swift 5.6

I contributed to the development of the Eko Clinic app, which empowers medical professionals to conduct thorough cardiac examinations, which encompass ECG and PCG recordings, utilizing the Eko Core Stethoscope and Eko DUO devices. The app features real-time data visualization for four different body positions, a quick recording feature, and BLE peripheral connections.

Key functionalities include graph plotting, UIView animations, audio/video playback, and Mixpanel analytics integration.

App Store Link: <https://apps.apple.com/us/app/eko-digital-stethoscope-ecg/id1026457544>

Eko Home (iPad App)

6 Months

Platform: iOS 13+ | *Language:* Swift 5.4

Developed the Eko Home app, allowing users to perform regular health checkups using BLE peripherals such as weight scale, pulse oximeter, blood pressure monitor, and ECG devices. The app displays results in real-time and generates line and bar graphs based on checkup history.

Key features include BLE peripheral integration, video playback, and graphical data visualization.

ABI CareMatch

12 Months

Platform: iOS 12+ | *Language:* Swift 5.2

Led the development of the ABI CareMatch app, a comprehensive platform that connects clients with carers for scheduled care calls. The app facilitates seamless communication, allowing clients to invite carers and carers to accept opportunities, which are then integrated into a custom ROTA system.

Implemented key features such as document scanning, offline functionality, real-time one-on-one

and group chat using the XMPP framework, QR code scanning for tag-in/tag-out, push notifications, video conferencing, and a custom calendar for managing care schedules efficiently.

App Store Links:

<https://apps.apple.com/pk/app/carematch-for-clients/id1535614276>

<https://apps.apple.com/gb/app/carematch-for-carers/id1535615483>

Tarrakki app

24 Months

Platform: iOS 11+ | *Language:* Swift 5.1

Spearheaded the development of the Tarrakki app, which serves as a comprehensive platform for managing mutual fund investments. The app allows clients to open accounts using eKYC, set up bank mandates, and execute SIP or lump sum transactions with ease. Key functionalities include advanced fund filtering, goal setting, personalized investment strategy recommendations, and detailed fund information. Integrated essential features such as Touch ID for security, document scanning, digital signature capture, Cashfree Payment Gateway, and a support chat module to enhance the user experience. Additionally, the app provides fund return calculations and tailored fund recommendations based on user-selected goals and strategies.

Dumoulin (iPad App)

3 Months

Platform: iOS 11+ | *Language:* Swift 5.0

Developed the Dumoulin app, designed to display project-related documents and enable business card scanning using iOS native OCR via VisionKit and Vision frameworks. The app automatically extracts text from scanned business cards for contact management. Key features include multi-lingual support and offline mode for enhanced accessibility and usability.

Edelmetall (iPad App)

12 Months

Platform: iOS 10 & above | *Language:* Swift 4.1

Developed the Edelmetall app for personnel to manage golf club fitting orders. The app allows users to view and add customer details, configure clubs by selecting shafts, grips, and heads, and displays fitting data in tabular form for easy selection. It supports offline mode with AES 128-encrypted data syncing, MD5 hash generation for the authentication token, and includes features like signature capture and automatic order receipt generation.

Axiom Telecom

12 Months

Platform: iOS 9.0 & above | *Language:* Swift 3.1
Contributed to the maintenance and enhancement of the Axiom Telecom e-commerce app for selling smartphones and mobile gadgets. Responsibilities included updating screens, implementing localization, and integrating Google Analytics via GTM for event tracking. Also integrated Betaout to manage push notifications and track key e-commerce events like login, add to cart, remove from cart, and purchase.
App Store Link: <https://apps.apple.com/in/app/axiom-telecom/id1233659162>

Bamboo App

18 Months

Platform: iOS 9.0 & above | *Language:* Swift 3.1
Developed the Bamboo app, a chatbot-based mobile platform that notifies users about nearby events, morning greetings, and weather updates. The app allows users to interact with event suggestions, view details, and respond by attending or sharing. Key features include integrating the usebutton third-party SDK for restaurant and cab booking options, storing event history offline, and providing animated filter options for Bamboo suggestions.

E-HAIL

12 Months

Platform: iOS 8.0 & above | *Language:* Objective C
E-HAIL Driver enables taxi drivers to register, accept or cancel ride requests, view rider details, calculate and display distances and estimated arrival times, and access trip history. It features real-time location updates to the server and supports background push notifications, ensuring seamless communication even when the app is not active.
E-HAIL allows riders to register, hail taxis, and track their rides in real-time on a map. Riders can view taxi details, receive fare notifications, and access trip receipts. Additionally, the app includes a rating and feedback system for drivers and vehicles, enhancing user experience.
Key Features: Background push notifications, last state preservation, and background location updates.
App Store Links:
<https://itunes.apple.com/us/app/id568791054?mt=8>
<https://itunes.apple.com/us/app/id568796873?mt=8>

Winkflash - BookBuilder (iPad App)

8 Months

Platform: iOS 6.0 & above | Language: Objective C

Developed Winkflash - BookBuilder, an iPad application that enables users to create and save personalized photo albums with various layouts, colors, and clip arts. The app offers features such as page turn animations, image dragging, and a robust editing suite, including photo and text editors. Users can easily manage their image gallery, swap pages and photos, and order printed versions of their albums with integrated cart and payment functionalities. Key features include using XForm dimension to place images in different layouts, Cobra file parsing, draggable collection view, and page view controller.

American Backflow Prevention ??? Field Service Management App (iPad App)

6 Months

Platform: iOS 7.0 & above | *Language:* Objective C
Developed a Field Service Management app for an American backflow prevention company, designed to assist testers in managing work orders and reporting. The app allows users to view assigned work orders, enter device and test information, and send test reports to clients.

Key features include a map with annotations for work orders, SOAP-based web service integration, push notifications, extensive validation for various device tests, generating PDF reports, and printing labels via portable Bluetooth printers.