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**Summary**

Experienced Senior iOS developer with 7 years of experience in developing and maintaining high-quality mobile applications. Seeking a challenging position where I can use my skills and experience to make a significant contribution to a growing company.

* 7 years of experience as Senior iOS developer / Mobile Application developer.
* Proficient in understanding customer and business needs, as well as data modeling, business logic, and **UX/UI design.**
* Extensive background in the full life cycle of the software development process including requirement gathering, Development, Design, Testing, Debugging and Maintenance.

## Developed complex user interfaces and experiences for native iOS mobile application.

## Expertise in Swift, SwiftUI, Objective-C using various iOS/Cocoa Touch frameworks like UIKit, Core (Foundation, Animation, Media, Location), Quartz Core, AV Foundation, MessageUI, MapKit, XCTest, XCUITest.

* Experience in **REST - Web Service Invocation, Combine, Swift Concurrency(async/await), Parsing JSON using AFNetworking, Alamofire, SwiftyJSON, URLSession**.
* Experience in design patterns such as **MVC, VIPER, MVVM, Delegation, Singleton, NSNotifications**.
* Worked on BLE devices handling smooth connection/disconnection & transfer of data among devices.
* Great analytical and technical skills in iOS development and business logic implementation.
* Has worked on creating reusable frameworks shared between multiple apps using CocoaPods.
* Work with product partners to help understand, coordinate release and delivery logistics, helping to stay on track and deliver high quality product.
* Worked on app’s offline capability using **CoreData** and **Realm**.
* Responsive app design using auto layout for both iPhone, iPad, Watch.
* Good understanding in debugging strategies and tools: UI Debugger, Memory leaks etc.
* Demonstrated ability in handling memory management using **GCD, Blocks, NSOperations etc**.
* Profiling and performance analysis using Xcode instruments.
* Used Crashlytics, Countly to capture and analyze crashes on both prod and non-prod environments.
* Write well-structured, reusable, maintainable code together with test-driven development and documentation.
* Solid understanding of Object Oriented (OO) application design and development, design patterns.
* Experience with Jira and Confluence.
* Experience developing iOS applications and deploying to Apple App Store.
* Experience with APIs and working with third party libraries.
* Experience with multi-threading and concurrency.
* Experience with integrating third-party libraries and RESTful and GraphQL APIs.
* Experience with Apple's native UI testing framework i.e. XCUITest for interacting with UI elements, handling gestures, assertions and managing test execution flow.
* Experience with Agile software development.
* Experience with source control management systems.
* Experience with continuous integration tools.
* Follow different blogs to keep myself updated with the new developments in the app world.

## TECHNICAL SKILLS

* + **Technical:** Swift, Objective-C, UIKit, Twilio, Alamofire, Firebase, Kingfisher, Core Data, HTTPS REST, Combine, SwiftUI Automation, GitLab, GitHub, MVC, MVVM, Jira, Confluence, Xcode, CI/CD, Jenkins, FCM, Cocoa Pods, SPM
  + **Industry/Professional:** Full stack iOS development, Unit testing, Cross-functional collaboration, Excellent written and verbal communication, Adaptability, Basic UX design, Figma, Zeplin, Adobe XD
  + **Programming Languages** Swift, SwiftUI, Objective-C, C, JAVA, React Native
  + **UI and Web Development** HTML5, CSS3, JavaScript, XML
  + **IDE, Tools, Platforms** iOS, GraphQL, Android, Xcode, Eclipse, VSCode
  + **Databases** MySQL, SQLite3
  + **Version Control** GIT, SVN, Bitbucket, SourceTree

# Professional Experience

## Senior iOS Developer

## DrFirst, Rockville MD September 2023 – Present

## Project Description: The app sends and receives HIPAA–complaint Secure Messaging, images, notifications, reminders, ID Scans, Telehealth, and more – all from one single app.

* Demonstrated expertise in developing iOS applications using Objective-C, Swift, and a wide range of Cocoa frameworks, including Swift Package Manager and Cocoa Pods.
* Utilized Storyboard and Auto Layout to design user interfaces and integrate third-party frameworks for enhanced functionality.
* Optimized Xcode's features, such as the Interface Builder, debugging tools, and source control integration and updated existing code, identified, and resolved bugs, and added new features to enhance application performance for iOS apps, resulting in successful re-publication to the App Store.
* Lead and collaborated effectively with cross-functional teams to drive innovation, define requirements, and design and ship new features for iOS applications, resulting in increased user engagement and revenue growth.
* Analyzed, estimated, developed, and maintained iOS applications in a dynamic environment, utilizing the full Agile app development life cycle, ensuring efficient and effective project delivery.
* Implemented UI automated testing using the Swift XCUITest framework, enhancing testing efficiency and resulting in a significant reduction in manual testing time and increased efficiency in application development.
* Leveraged in-depth knowledge of RESTful APIs to seamlessly connect iOS applications to back-end services, enabling real- time data exchange and ensuring a seamless user experience.
* Collaborated effectively with cross-functional teams to drive innovation, define requirements, and design and ship new features for iOS applications, resulting in increased user engagement and revenue growth.
* Propelled the development of innovative features such as telehealth, scanner, messaging, and push notifications, leveraging expertise in Swift and other iOS development frameworks to deliver cutting-edge solutions that enhance user experience and engagement.
* Performed extensive unit testing on iOS applications and conducted thorough code reviews.
* Demonstrated proficiency in App Store submission and certificate management for various functionalities including APNs & VoIP.
* Used industry-standard development patterns, including MVC and MVVM, to deliver scalable and high-quality iOS applications.
* Lead collaborated with architects and product managers to ensure timely delivery of superior quality solutions that exceed customer expectations.
* Collaborated with architects and product managers to ensure timely delivery of superior quality solutions that exceed customer expectations.
* Experience using GitHub/Bitbucket as Source Control & setting up CI/CD pipeline for automated testing and build generation.
* Actively managed version control and collaborated on software projects through GitHub, utilizing branching, pull requests, and issue tracking to facilitate efficient teamwork and code review.
* App Store Links: [iPrescribe](https://apps.apple.com/us/app/iprescribe/id1159038068)

**Languages/Tools:** Swift, SwiftUI, Objective-C, GraphQL, XCode, Git, JIRA, Figma

## Senior Software Engineer

## Biofourmis Sep2019 – Aug2023

* Developed iOS applications that deliver on Product Strategy and adhere to established engineering best practices, design guidelines, and principles.
* Optimizing framework performance and introduce support for sensor data streams from wearables and other data sources.
* Partner with Software Engineers, UX/UI, Quality Engineers, and Product Owners/Analysts to deliver high-performing quality customer experiences that are engaging, purposeful, and powerful in their simplicity.
* Designing the architecture of mobile applications and leading the iOS team.
* Track & manage codes using GIT(Bitbucket/SourceTree/GitLab). Experience working on integrating iOS applications with third-party SDKs/libraries, various IoT sensors, FDA-approved BLE devices, and platforms, enabling real-time data collection and control.
* Developed complex graph to display patient vitals such as Heart Rate, Respiration Rate, SpO2, BP, Weight etc. with customized dataset day/week/month.
* Good familiarity with frameworks like Foundation, UIKit, Dispatch Queue, Combine, Core Bluetooth
* Experience working on Realm, and Core data for data storage.
* Experience working with Okta SSO integration.
* Experience with Apple Human Interface guidelines on best practices & great user experience for iPhone, iPad & watch application.
* Experience translating design mockups (Zeplin/Figma/Adobe XD etc.) into production-quality functioning iOS app interfaces.
* Experience handling enterprise applications, App Store approval process & publishing applications to the App Store.
* Experience with push notifications and universal links.
* Experience with various design patterns, iOS architecture, and memory management.
* Experience with CI/CD processes with Fastlane & Jenkins.
* Experience creating watchOS application for health-related modules displaying HR, RR & other workout sessions.
* Experience with app localization.
* Integrated Twilio SDK for chat & one/two-way video call among patient & caregiver.
* Experience with WebSocket.
* Experience in unit and UI testing with XCTest and XCUITest.
* An active learner in all technologies related to mobile development (Swift, Kotlin, 3rd party libraries, etc.)
* App Store Links: [Biofourmis Care@Home](https://apps.apple.com/us/app/biofourmis-care-home/id1544687811) , [Biofourmis Care@Home HCP](https://apps.apple.com/us/app/biofourmis-care-home-hcp/id1633461435), [BiovitalsHF](https://apps.apple.com/us/app/biovitalshf/id1466741248), [BiovitalsHF-RPM](https://apps.apple.com/us/app/biovitalshf-rpm/id1484951519)

**Languages/Tools:** Swift, SwiftUI, Objective-C, XCode, Git, JIRA, Zeplin, Adobe XD, SourceTree, Bitbucket

## Software Developer

## HASHTAAG™ - KGJ SOFTWARE TECHNOLOGIES Sep2017 – Sep2019

## Responsibilities:

* Conceptualized, designed, developed, and deployed mobile applications using iOS SDK, Xcode.
* Creating custom components to capture crashes in the app also creates **in-house POD** for reusability in different projects.
* **UIKit** and **Foundation** framework-based app development using **Swift** and **Objective-C**
* Build a native iOS app from scratch using the **MVVM** design pattern.
* Used **MVC**, **MVVM, Singleton, Delegate** design pattern for the development of app.
* Worked with multiple BLE locks which works based upon geo-location & time-sensitive access.
* Build different modules in the POS iPad app to help the sales reps manage customer needs.
* Swift JSON integration in the app.
* Worked on IoT smart locker platform together to power the customizable, end-to-end delivery solution.
* Integrated Google AdMob in Paperboy between multiple pages of newspaper/magazines screen.
* Built eBhadara digital library which has collection of multiple newspaper, textbooks, journals etc. available in both English & local language using React Native.
* Use case design and object modeling using **UML.**
* Continued to be a part of the final code review team to make sure code quality and scalability.
* Write unit tests using **XCTest.**
* App Store Links: [Smiota](https://apps.apple.com/us/app/smiota-day-use-lockers/id6444550322), [Paperboy: Newspapers,Magazines](https://apps.apple.com/us/app/paperboy-newspapers-magazines/id1158858455), [eBhandara](https://apps.apple.com/us/app/ebhandara/id6445848821), OpenApp

**Languages/Tools:** Swift, Objective-C, Xcode, React Native, Bitbucket, JIRA, Basecamp

**Other Achievements:**

* Awarded as Best Outgoing Student.

**EDUCATION:**

* Bachelor of Engineering in Computer Science

Visvesvaraya Technological University