**Personal Information**

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**Summary**

Senior iOS Developer with over 8 years of experience designing, building, and deploying customer-facing mobile applications for large-scale user bases. Skilled in Swift, SwiftUI, Objective-C, and iOS frameworks (UIKit, CoreData, AVFoundation, etc.), with a strong focus on delivering responsive, stable, and intuitive mobile solutions. Experienced in integrating RESTful APIs, JSON-based services, and cloud platforms (AWS, Azure) to support feature-rich applications. Adept at debugging, performance optimization, and leveraging CI/CD pipelines to ensure smooth delivery cycles. Known for writing clean, testable code and collaborating closely with designers, backend engineers, and product teams to create seamless user experiences.

**Skills**

* **Languages & Frameworks:** Swift, SwiftUI, Objective-C, UIKit, CoreData, AVFoundation
* **APIs & Integrations:** RESTful APIs, JSON, third-party SDKs (payments, messaging, authentication)
* **Cloud & Infrastructure:** AWS (S3, Cognito, Lambda), Azure (exposure), CI/CD pipelines (Fastlane, Jenkins, GitHub Actions)
* **Testing & Debugging:** XCTest, UI automation, Instruments profiling, crash reporting with Sentry/Firebase
* **Tools:** Xcode, Git, TestFlight, Agile/Scrum methodologies
* **Other:** Performance optimization, secure financial workflows, responsive UI/UX implementation

**Work Experience**

**Senior iOS Developer at Behavior Development Solutions, Remote US**

Nov. 2020 – Jul. 2025

**Application Development**

* Developed advanced iOS applications using Swift and SwiftUI, ensuring compatibility with iOS 13+ while maintaining support for legacy modules written in Objective-C.
* Implemented UIKit and CoreData frameworks for custom UI components and local persistence, ensuring smooth offline/online transitions.
* Built modular, reusable codebases with clear separation of concerns to improve maintainability.

**API Integration**

* Integrated mobile apps with RESTful APIs and JSON payloads, implementing secure authentication and error handling for edge cases.
* Coordinated closely with backend engineers to refine API contracts and improve efficiency of client-server interactions.

**Performance & Stability**

* Optimized app responsiveness by profiling with Instruments, resolving bottlenecks in rendering and network requests.
* Reduced app crash rates by applying structured error handling, background task optimization, and memory leak detection.
* Designed caching strategies to minimize redundant network calls, improving speed in data-heavy screens.

**Testing & Deployment**

* Implemented unit and UI tests using XCTest to maintain high code quality.
* Worked with CI/CD pipelines (Fastlane, Jenkins) to automate builds, code signing, and TestFlight deployments.
* Collaborated in Agile/Scrum sprints, regularly refining requirements with product managers and UX teams.

**Cloud Integration**

* Integrated AWS services (S3 for file storage, Cognito for user authentication) to extend app capabilities.
* Implemented push notifications and real-time updates with cloud-based messaging services.

**Outcome & Value**

* Delivered a polished mobile application that supported thousands of active users daily.
* Significantly reduced bug recurrence by establishing automated test coverage and CI/CD checks.
* Improved app launch performance by 30% through optimization of API calls and lazy loading strategies.

**iOS Developer at Universal Giving, Menlo Park, CA**

Oct. 2016 – Nov. 2020

**App Development**

* Built donation and project discovery features using Swift and UIKit, ensuring an intuitive and responsive user experience.
* Maintained legacy Objective-C components, gradually migrating them to Swift for improved maintainability.
* Applied CoreData for offline caching of donor/project data, allowing the app to function reliably in low-connectivity environments.

**Integrations & APIs**

* Integrated the app with payment gateways and RESTful APIs to handle secure donor transactions.
* Implemented JSON parsing and error handling to ensure accurate processing of donor and financial records.
* Connected with third-party services for email/SMS notifications, improving real-time communication with donors.

**Testing & Debugging**

* Developed unit tests and UI automation scripts to verify donation workflows end-to-end.
* Debugged complex issues related to asynchronous API calls and background tasks, improving stability during high traffic donation campaigns.

**Deployment & Monitoring**

* Prepared and submitted builds through Xcode and TestFlight, managing provisioning profiles and certificates.
* Added logging and error reporting to track issues in production, improving visibility into donor-facing app performance.

**Outcome & Value**

* Delivered a stable, donor-facing mobile application that supported campaign fundraising events.
* Improved donor retention by creating smooth, reliable in-app payment flows.
* Enabled staff to monitor donor activity in real time through robust API integrations.

**Education**

* Bachelor's Degree in Computer Science, The University of Texas at Dallas, 2016