

SINA ERADAT

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PROFESSIONAL SUMMARY

Senior iOS Engineer with 6+ years of experience developing secure, scalable mobile applications and SDKs using Swift, SwiftUI, and Objective-C. Specialized in mobile security, fraud prevention, behavioral analytics, and SDK architecture for enterprise-scale platforms. Proven track record modernizing legacy systems, designing developer-friendly APIs, implementing on-device machine learning solutions, and improving mobile application reliability and performance. Strong foundation in CI/CD, automated testing, and mobile platform security.

TECHNICAL SKILLS

- **iOS Development:** Swift, Objective-C, SwiftUI, UIKit, REST APIs, CocoaPods, Swift Package Manager (SPM)
- **Languages & Technologies:** Swift, Objective-C, TypeScript, JavaScript, Java, C/C++, HTML, CSS, JSON

PROFESSIONAL EXPERIENCE

ACCERTIFY, INC — Santa Monica, CA

Senior Software Engineer (iOS/ Browse) | March 2021 – Present

iOS Engineering:

- Architected and developed device intelligence, behavioral analytic, and fraud prevention SDK features using Swift, Objective-C, UIKit, SwiftUI
- Designed and implemented advanced mobile security systems including jailbreak detection, FRIDA introspection detection, runtime anti-tampering, and behavioral risk signals
- Built Swift and SwiftUI demo applications to validate SDK behavior and support enterprise client onboarding and integration workflows
- Implemented modern iOS architecture patterns (MVVM), code review standards, and automated testing practices to ensure stability and scalability

Browser Intelligence & Device Systems:

- Built JavaScript browser data collection system using window and navigator APIs
- Performance impact reduced script size 56KB → 25KB and improved collection runtime from ~1.5s → ~350ms

- Implemented fingerprinting signals including canvas, WebGL, fonts, and WebRTC analysis
- Developed spoof detection including incognito detection, browser type classification, and inspector detection
- Redesigned v1 to v2 system architecture including Spring Boot distribution and PostgreSQL storage layer

ACCERTIFY, INC — Santa Monica, CA

QA Analyst I (iOS) / February 2020 – March 2021

- Built and maintained an iOS automation framework supporting UI, integration, end-to-end, and performance testing.
- Created and maintained Jenkins CI/CD pipelines for automated testing and release verification.
- Built an internal iOS device farm to expand automated coverage across multiple Apple devices and operating systems.
- Performed penetration testing and mobile security validation using FRIDA and Cydia.

TICKETMASTER — Hollywood, CA

Software Development Engineer in Test (SDET) / May 2019 – February 2020

- Developed automation frameworks using Node.js, Cucumber.js, and Nightwatch.js for checkout and fraud prevention systems.
- Built automated test environments integrated into GitLab CI/CD pipelines for frontend and backend services.
- Reduced automated test runtime while increasing scenario coverage across critical transaction workflows.
- Integrated Sauce Labs to support scalable cross-platform and multi-browser automated testing.

PROJECTS

- Developing personal iOS and Next.js projects focused on modern application architecture, interactive UI development, cloud deployment workflows, and AI/LLM experimentation.

EDUCATION

California State University, Northridge

Bachelor of Science (B.S.), Computer Science — 2018