

SUMMARY

I am a seasoned Software Engineer specializing in iOS development and proficient in Swift, Objective-C, and Python. I have a track record in building scalable applications, improving code architecture, and implementing user-centered design, remaining agile while maintaining the integrity of mission critical code. I have experience building apps from the ground up with few to no constraints to working on large scale applications serving tens of millions of daily users.

EXPERIENCE

LinkedIn, Sunnyvale, CA

Senior Software Engineer, November 2021 - Present

- Shipped and iterated on features affecting 75 million monthly iOS users while maintaining stability of the codebase.
- Headed feature development of Communication Notifications leading to faster user response times to messages.
- Helped introduce some of the first SwiftUI implementations to the LinkedIn iOS app.
- Implemented Live Activities for Post Analytics, driving infrastructure updates for real-time notifications.
- Researched on-device machine learning to deliver more timely and higher quality notifications.
- Selected to attend Apple training on Apple Intelligence and the App Intents framework for integration with LinkedIn.
- Uncovered and resolved a bug where extension imports overloaded memory, causing push notifications to crash.
- Implemented Swipe Actions to improve user experience/satisfaction and boost engagement with notifications.
- Spearheaded a code refactor resulting in the removal of over 10k lines of code, increasing maintainability.
- Uncovered and fixed a bug overwriting the logs on launch, erasing logs after crashes, new sessions, and from extensions.

Freelance Software Engineer, San Francisco, CA

Independent Contractor, January 2018 - October 2021

- The Rensing Center: Recovered hacked web server from redirecting to online pharmacies, implemented a secure online booking system for residents, enabled remote events through community tools, and revamped the website.
- KURL: Prototyped application for Personal Trainer booking service using Swift, MVVM, Firebase, and Hasura.
- Swiftly: Implemented UI for new coupon clipping application for Lucky supermarket using SwiftUI and SPM.
- OurHouse: Modernized and updated a fraternity/sorority management app in Obj-C adding new features in Swift.

Credit Karma, San Francisco, CA

Software Engineer, April 2017 - December 2017

- Wrote integration tests reducing the testing time of the quality engineering process for releases by upwards of 50%.
- Developed best practices for migrating to AutoLayout in Swift and interoperability with our existing Objective-C code.
- Collaborated on the accessibility team to establish best-practices and enhance accessibility for differently-abled users.
- Created credit score history graph allowing users to see how their scores have changed over time.

AreaLive (Now Yaza), San Francisco, CA

Software Engineer, January 2017 - April 2017

- Created a location-centric social media application enabling users to share and view multimedia posts utilizing AR.
- Integrated posts within map and camera views, enhancing user engagement by facilitating discovery of nearby content.
- Contributed to the product roadmap, shaping the long-term vision for user interactions and engagement strategies.

Crossfader, San Francisco, CA

Software Engineer, October 2015 - December 2016

- Introduced live-feedback mechanism, bridging real-time communication between DJs and listeners and increasing user interactions and engagement with the app while listening by over 30x, utilizing Firebase to track analytics on usage.
- Implemented CI/CD pipeline using Travis CI and Fastlane, cutting the release cycle from every 4-6 weeks down to 2.
- Designed and launched custom in-app merchandise advertisements, leading to an almost 50% increase in revenue.

EDUCATION

University of Florida, Gainesville, FL | Bachelor of Science, Mechanical Engineering | December 2014

OPEN SOURCE PROJECTS

- [LangTools.swift](#): LangTools for working with LLM apis in Swift. - [\[*\]](#)
- [APNSTester](#): Push notification testing application useful for development testing. - [\[*\]](#)
- [DNDKit](#): Delegate and DataSources kit that simplifies building tables and collections. - [\[*\]](#)
- [SwiftlyAnimate](#): Enables composable animations in Swift. - [\[*\]](#)
- [Peer Connectivity](#): A custom framework designed for straightforward Bluetooth/WiFi mesh networking. - [\[*\]](#)

SOFTWARE PROFICIENCIES

Languages: Swift, Objective-C, Python, JavaScript, C, C++, Lua

Tools: Git, Bash, Github, Atlassian, Xcode, Vim/Neovim, VSCode, Jira, Slack, Docker, Kubernetes

Database Technologies: PostgreSQL, MySQL, SQLite, MongoDB, Redis

Cloud Computing Platforms: AWS, Azure, Google Cloud Platform, Digital Ocean

CI-CD: Jenkins, Travis CI, CircleCI, GitHub Actions