



## Khant Zaw Ko (Lead iOS Engineer)

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### About

I am an experienced Lead iOS Engineer with 9 years of expertise in designing and delivering high-performance mobile applications and SDKs. I have a proven track record of driving projects from concept to completion, mentoring developers, and aligning technology solutions with business goals.

I am currently residing in *Hervey Bay, Queensland, Australia* and working remotely for V-Key. As a holder of the subclass 309 Australian PR, I am fully authorized to work in Australia. I am open to either relocating interstate or continuing to work remotely.

### Education

University of Newcastle, Australia — Bachelor of Information Technology with major in Software Development

### Experience

#### V-Key — Singapore (May 2018 - current)

- Lead iOS Engineer and Product Owner of **Smart Token**, a mobile security soft token SDK designed to replace hard tokens for banks, governments, and enterprises using our patented V-OS technology.
- Designed and led the implementation of **eKYC**, a digital identity onboarding and verification SDK, utilizing technologies such as facial recognition, liveness detection, OCR for documents, and NFC passport scanning for banks and enterprises.
- Architected and led the development of **V-Key ID**, a digital identity solution providing secure, privacy-protected biometric onboarding and seamless authentication, while safeguarding users' biometric data.
- Primarily responsible for architecting, implementing new features, fixing bugs, performing code reviews, refactoring code, mentoring junior developers, and providing customer support to resolve complex issues.
- Additionally, serve as Client Solution Architect, supporting customer integrations, addressing technical issues, and managing pen-test reports.

#### Mobile Developer — Freelance (Aug 2015 - Apr 2018)

- **Burmese News** - An RSS news reader app aggregating popular local news sources from Myanmar.
- **MMSports Digest** - A sports news reader app and webpage, featuring tools to upload and manage news content.
- **Cinematic** - A movie ticketing app providing instant access to showtimes and allowing users to browse availability by theatre and film title and buy ticket via the app, integrated with the Stripe SDK for payment.

## Star Publishing — Singapore (June 2014 - June 2015)

- Worked as a Game Developer, managing backend online resources and handling bug fixes.
- Responsible for designing and developing touch-based interactive educational games and eBooks.

### Skill

- Swift & Objective C programming
- SwiftUI and UIKit frameworks
- AutoLayout and programmatic UI
- Combine & Reactive Programming
- Swift Concurrency (async/await, actors)
- Core Data & Core Animation
- Multithreading & Grand Central Dispatch
- Profiling and performance optimization
- Unit testing and UI testing
- App Store deployment and distribution
- Networking (RESTful APIs & GraphQL)
- Design patterns (MVC, MVVM, etc)
- Third-party SDKs integration
- CD/CI pipeline
- Git version control
- Agile methodologies
- OWASP mobile security practices
- Cross platforms (react-native, flutter, Cordova)
- Public Key Infrastructure