

Tyler Donohue

Mobile Software Developer | iOS • Flutter • Backend Integration

American Fork, Utah · Remote

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[Portfolio](#) · [GitHub](#) · [LinkedIn](#)

Professional Summary

Mobile developer with 6+ years building production applications across iOS, Flutter, and backend services. Experienced integrating REST APIs, cloud infrastructure, and payment systems while delivering scalable mobile platforms from architecture through production deployment.

Technical Skills

Mobile Development: Swift, SwiftUI, UIKit, Flutter, Dart, Auto Layout, App Store deployment

Mobile Architecture: MVVM, client-server design, offline-first data models, scalable mobile architecture

Networking & Data: REST APIs, URLSession, WebSockets, JSON, asynchronous data workflows, caching

Backend & Cloud: Firebase (Auth, Firestore, Functions), AWS, Railway deployments, Python APIs

Payments & Integrations: Stripe, Apple Pay, webhook-driven billing systems

Tools & Development: Git, GitHub Actions, XCTest, Agile / Scrum

Professional Experience

Lead Software Developer / Co-Owner

WaterLocks — Remote | Aug 2023 – Present | [App Store](#)

- Led development and product operations for WaterLocks, a mobile commerce platform enabling unattended item sales through QR-based smart locks.
- Built the WaterLocks iOS application supporting QR lock validation and purchase workflows
- Integrated backend systems enabling lock management, purchase validation, and real-time updates
- Implemented Stripe and Apple Pay payment workflows for secure mobile transactions
- Integrated Zebra printers to automate QR code label generation for deployed physical locks.

Lead Developer (Contract)

LDS Taste Buds — Remote | Aug 2025 – Present | [App Store](#) & [Google Play Store](#)

- Developed and maintain a cross-platform mobile application designed to organize users into curated dining groups.
- Built Flutter (Dart) applications released on the App Store and Google Play
- Designed event-matching logic grouping users into dining events automatically
- Developed backend administration tools for event management and moderation
- Maintain production infrastructure and implement ongoing feature updates

Full-Stack Developer (Contract)

Recommenu — Remote | Jan 2025 – Jul 2025

- Built a microservice supporting multi tiered subscription payments and free-trial logic
- Integrated Stripe billing for multi-tier subscriptions and one-time purchases
- Designed APIs connecting the paywall service to an existing monolithic backend
- Deployed the service to AWS infrastructure for production use

iOS Developer

Hudson IT Consulting — Hybrid | Nov 2021 – Jul 2022

- Implemented new features and REST API integrations in production iOS applications
- Participated in agile development processes including sprint planning and code reviews
- Assisted with debugging and performance improvements across multiple iOS devices

Independent Mobile Developer

Self-Employed | Oct 2019 – Aug 2023

- Developed mobile applications and backend systems for small projects and startup concepts.
- Built custom mobile applications using Swift, SwiftUI, and cloud backend services
- Designed application architectures and implemented server integrations
- Managed contracts, project scope, and collaboration with designers and artists
- Delivered multiple applications from concept through production deployment

iOS Developer Intern

Hike Intel — Remote | Jan 2021 – Nov 2021

- Developed a location-based social platform enabling hikers to share trail conditions and updates.
- Built native iOS application using Swift and SwiftUI
- Integrated Firebase Authentication and Firestore real-time data synchronization
- Implemented MapKit features displaying location-based posts and trail updates

iOS App Developer Intern

Homie — South Jordan, Utah | Jun 2019 – Oct 2019

- Contributed to development of the Homie real estate mobile application.
- Implemented new mobile features and UI improvements
- Participated in daily Scrum meetings and agile development workflows
- Assisted with testing and debugging mobile application releases

Education

Mountainland Technical College Mobile Development Program
High School Diploma