Adam Ure

Software Engineer for Connected Devices

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ABOUT ME

Software engineer for connected devices. I help hardware teams ship software that pairs reliably, syncs accurately and updates safely. Patented Bluetooth security co-inventor with six years leading mobile and platform work for consumer and regulated medical devices, built on TDD, clean architecture and predictable delivery.

CORE STRENGTHS

Device connectivity & security: Bluetooth LE, Wi-Fi devices, secure device communication, sync and firmware-boundary reviews

Regulated software: Compliance-critical delivery under medical device controls

Platforms: Swift, SwiftUI, UIKit, Kotlin Multiplatform, Android, Flutter, REST, GraphQL, server-side Swift (Vapor) and Python on AWS

Engineering quality: TDD, clean architecture, TCA, CI/CD quality gates, predictable releases

Leadership: Technical direction, cross-functional execution and mentorship

AI-accelerated delivery: Claude Certified Architect – Foundations

EXPERIENCE

Snifr — Founding Engineer — October 2025 – Present

- Build the software for a Wi-Fi-connected e-nose for gut health tracking, now in beta: device connectivity, apps, backend and AI insights.
- Ship cross-platform apps with Kotlin Multiplatform on an AWS backend, with server-side Swift services and Python machine learning.

Stable Kernel — Principal Software Engineer — June 2025 – Present

- Lead technical direction for a greenfield native platform in Swift and SwiftUI, owning architecture, execution and quality standards.
- Defined clean architecture patterns, CI/CD quality gates and automated testing strategies that improved delivery consistency and onboarding.
- Guide engineers through architectural decisions, tradeoffs and delivery planning; partner with product, design and backend teams.

Nevro Corp — Engineering Team Lead — January 2023 – May 2025

- Led delivery of compliance-critical mobile features for a regulated medical device platform, shipping releases predictably and at quality.
- Architected a multilingual localization and audit pipeline that reduced verification time by ~99.8%.
- Served as independent reviewer on firmware projects, ensuring regulatory adherence across the device and software boundary.
- Acted as execution lead, coordinating priorities and dependencies with product, QA and regulatory stakeholders.

Myia Health — Lead Mobile Developer — March 2022 – January 2023

- Architected and unified iOS, Android and Flutter platforms for remote patient care, with consistent patterns for reliability and scale.
- Defined CI/CD and TDD workflows that reduced post-release defects by ~15%.
- Delivered telemedicine platform components and mentored engineers in clean architecture and SOLID principles.

Nike Valiant Labs — Lead iOS Developer — November 2021 – March 2022

- Architected workout and run-tracking features with modular, high-performance UIKit components.
- Designed the GraphQL data layer with backend engineers, covering schema design, query optimization and error handling.

Monovo — Mobile Experience Architect — March 2020 – November 2021

- Co-invented a multi-tier Bluetooth cybersecurity framework securing mobile-to-device communication (U.S. Patent No. 12,652,273).
- Built the iOS app from scratch and set mobile architecture across iOS and Android; expanded scope to lead backend and web teams.

EDUCATION & CERTIFICATIONS

Maryville University — M.S. Software Development — December 2023
Brigham Young University — B.S. Computer Science — April 2020
Anthropic — Claude Certified Architect – Foundations