

# Andrew Juers

Mobile & AI Developer | Available for Full-Time Work

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## PROFILE

With 11+ years of experience designing, modernizing, and delivering scalable mobile applications across telecom, fintech, travel, automotive, retail, and life sciences. Specialized in **Android and iOS architecture, Kotlin, Swift, Jetpack Compose, React Native, Clean Architecture, and modular application design**, with a strong track record of building reliable, maintainable solutions for large-scale consumer applications.

Experienced in **AI/LLM integration, backend APIs, GraphQL, BLE/IoT, real-time services, mobile security, and cloud technologies**. At T-Mobile, led the modernization of the flagship T-Life application, including the migration to **Jetpack Compose**, GraphQL integration, multi-module architecture, and real-time IoT device tracking using **BLE and location frameworks**. Strong expertise in **Kotlin Coroutines, reactive data handling, and Kotlin Multiplatform (KMM)**, with a focus on performance, scalability, maintainability, and effective collaboration across engineering, product, UX, and backend teams.

## WORK EXPERIENCE

Lead Android Developer 01/2024 - Present

T-Mobile

Remote

- Led a full migration from XML to Compose and built complex reusable components and Material 3 design systems.
- Integrated LLM APIs and AI agent workflows into mobile application features.
- Architected feature-based modularization to enable independent team releases and improve Gradle build performance.
- Applied scalable architectural patterns with separation of concerns across a large production application.
- Integrated speech-to-text and text-to-speech capabilities for voice-enabled mobile experiences.
- Implemented asynchronous and reactive data pipelines using Coroutines and Kotlin Flow.
- Implemented AI-driven voice interactions and conversational features.
- Integrated Apollo GraphQL for personalized offers, rewards, and efficient real-time data retrieval.
- Connected mobile AI features with backend APIs for scalable application workflows.
- Built real-time device tracking using BLE, Fused Location Provider, Google Maps, and connected-device technologies.
- Implemented OAuth 2, JWT, biometric authentication, device attestation, and Scam Shield security capabilities.



## SKILLS

Android App Architecture ·  
iOS App Architecture ·  
Cross-Platform Mobile Architecture  
Backend & API Integration ·  
AI Agent & LLM Development ·  
Computer Vision ·  
Speech & Voice AI

## EDUCATION

Bachelor of Computer Science in Software Development

Old Dominion University

2019 - 2021  
Norfolk, United States

## CORE SKILLS

Java · Kotlin · Swift / Swift UI ·  
Python · Jetpack Compose ·  
React Native · MVVM ·  
Clean Architecture · REST APIs ·  
PostgreSQL · GraphQL · BLE ·  
IoT Integration

## WORK EXPERIENCE

### Senior iOS / Cross-Platform Mobile Developer

11/2021 - Present

Goldman Sachs

New York, United States

- Architected a high-frequency trading and wealth management app using React Native, TypeScript, Swift, and SwiftUI, with AI-powered capabilities integrated into the mobile experience.
- Designed modular MVVM-C architecture with Combine and Unidirectional Data Flow for complex transactions, real-time market data, and LLM-powered workflows.
- Led the migration from UIKit to SwiftUI and developed custom Swift native modules for high-performance processing and AI service integration.
- Integrated real-time WebSocket market feeds with secure financial data handling, while supporting AI-driven analysis and personalized user experiences.
- Established automated testing and CI/CD with XCTest, Jest, Detox, Jenkins, GitHub Actions, and Fastlane, integrating Python-based AI services and modern LLM APIs.

### Senior Android Developer

09/2019 - 10/2021

Spirit Airlines

Seattle, Washington

- Led Android development for a consumer travel app, delivering booking, check-in, boarding, loyalty, and payment experiences using Kotlin.
- Migrated legacy Java modules to Kotlin and implemented modular, offline-first architecture with Room, Retrofit, OkHttp, and response caching.
- Built reusable UI components and modern Android interfaces with AndroidX, RecyclerView, Constraint Layout, and Jetpack Compose.
- Implemented secure mobile experiences with TLS, certificate pinning, secure tokenization, QR/boarding passes, and PCI-compliant payment flows.
- Optimized startup performance and established automated testing and CI/CD using Espresso, CircleCI, GitHub Actions, Firebase, and release smoke tests.

### Android Developer

12/2017 - 08/2019

Chevrolet

Detroit, United States

- Developed connected-vehicle features integrating Android, cloud, and in-vehicle systems for telemetry, vehicle location, and remote controls.
- Built low-latency vehicle communication using REST, GraphQL, and MQTT, with offline command queuing and conflict resolution.
- Architected a modular Android application supporting multiple vehicle models and regional product variants.
- Implemented secure vehicle controls and authentication using BLE, certificate-based device authentication, and secure session handling.
- Optimized background synchronization, network calls, caching, and UI performance while reducing CPU and battery consumption.

## CORE SKILLS

### ADDITIONAL SKILLS

LLM APIs · AI Agent Workflows ·  
OpenCV · Speech-to-Text ·  
Text-to-Speech · voice generation ·  
Mobile Application Security ·  
OAuth 2.0 · CI / CD · AWS

## INTERESTS

### Future Phone Devices

I am interested in exploring how smartphones may evolve by the 2030s, including advances in artificial intelligence, flexible displays, sustainable materials and battery technology.

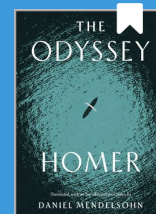
### Machine Learning

Keen to learn about modern AI techniques, model capabilities, and their practical applications across various industries.

## BOOKS



The Little Mermaid  
Hans Christian Andersen



The Odyssey  
Homeros

## LANGUAGES

English Native ●●●●●

## WORK EXPERIENCE

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### Android Developer

04/2016 - 11/2017

JCPenney

Plano, United States

- Built scalable e-commerce features including paginated product catalogs, cart and checkout flows, secure payment tokenization, and personalized recommendations.
- Implemented offline caching, image optimization, and performance improvements to reduce memory leaks, ANRs, and improve scrolling and startup performance.
- Established automated testing and CI/CD with JUnit, Mockito, Espresso, and automated builds, supporting multi-flavor and white-label releases.

### Android Developer

01/2015 - 03/2016

Regeneron Pharmaceuticals

Tarrytown, United States

- Developed Android research and field-operations features with secure data collection, offline synchronization, encrypted storage, and SQLite.
- Implemented secure REST API integration with Retrofit/OkHttp, role-based access controls, PHI protection, and HIPAA-aware logging.
- Built reliable field workflows with background synchronization, barcode/QR scanning, automated testing, Crashlytics, and network retry strategies.