

Kurt Nelson

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SUMMARY

Senior Android Engineer with 10+ years of experience building and scaling mobile applications across industry-leading companies. Deep expertise in Android frameworks, Kotlin, and platform architecture. Proven track record leading platform-level initiatives that improve performance, developer productivity, and app quality at scale.

EXPERIENCE

Senior Software Engineer Pinterest Aug 2022 – Aug 2024

- Spearheaded development of a State Based Architecture for the Android platform, improving app performance and user experience at scale.
- Aligned Pinterest's Android app with Google's latest Jetpack libraries and modern Android principles, ensuring compatibility and long-term maintainability.

Senior Software Engineer, Mobile Platform Uber Aug 2018 – Feb 2021

- Owned cross-application Android platform code and tooling within a large-scale monorepo supporting all mobile applications across the organization.
- Led startup performance improvements and drove the company-wide migration from Java to Kotlin across the Android codebase.

Android Software Engineer Google Dec 2015 – Apr 2018

- Worked on Android Wearables and Project Aura; transitioned to the internal 1st-party Android application framework team owning shared platform code in the monorepo.
- Contributed to embedded and connected device development on Android, gaining deep knowledge of the Android SDK and framework internals.

EDUCATION

Bachelor's Degree, Computer Science Georgia Institute of Technology 2009 – 2014

PROJECTS

Android Interview Solution <https://github.com/kurtisnelson/android-interview-solution>

A reference implementation and base project for solving common Android interview problems involving lists and image loading, demonstrating clean architecture and modern Android best practices.

Kotlin Android SDK RecyclerView

SKILLS

Languages: Kotlin, Java

Android: Android SDK, Android Jetpack, Android Framework, Kotlin Coroutines, Room Database, Firebase

Tools & Platforms: Git, Jenkins, Flutter, Kotlin Multiplatform, Protocol Buffers