

Gideon Paul Arugollu

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Experienced Android Engineer with 7 plus years of building high-impact mobile applications across North America and Asia. Specializes in Kotlin, Jetpack Compose, and modern architecture (MVI/MVVM). Proven track record of leading feature delivery at companies like Wayfair and Zoomcar.

Experience

Wayfair, Toronto - Software Developer II - Mar 2024 to Present

- Redesigned Android Search (3M+ DAU), cutting load time by 25% through re-architecture and GraphQL-driven query optimizations, while adding Datadog observability.
- Built a **multi-variant testing framework** enabling **A/B and multivariate experiments** in the app.
- Spearheaded **Visual Search** implementation on Android, expanding product discovery capabilities.
- Served as on-call engineer, conducted incident triage and post-mortems.
- Contributed to **Wayfair's AI Development Pilot Program**, providing structured feedback on model performance and helping define engineering best practices for safe and effective AI-assisted coding.
- **Mentored junior developers** through pair-programming, code reviews, and architecture deep-dives.

Zoomcar India Pvt Ltd, Bangalore, India - Software Developer - June 2021 to November 2023

- Designed a reusable UIKit module in **Jetpack Compose**, capable of integration across multiple Android applications and libraries within Zoomcar.
- Built a **modular MVI framework** leveraging Kotlin Flows, enabling ViewModels across the app to inherit consistent intent, state, and effect handling patterns.
- Optimised development time by 30% with a shared **Kotlin Multiplatform** module for iOS and Android.
- Facilitated **international launch (4+ new markets)** of the Zoomcar app by adding **RTL support**.
- Integrated REST APIs along with Firebase Crashlytics, Analytics to enable real-time insights.
- Led Android app release cycles, Play Console management, versioning, and rollouts.
- Implemented push notifications and deep-link routing to enhance user re-engagement.
- Improved app performance and maintainability through **Hilt dependency injection**.

Consulting Experience

NexGen IT Sourcing LLC, Signature Commercial Solutions - March 2020 to March 2021

- Delivered modular Android components for **Capital One** and **Fifth Third Bank** mobile apps.
- Refactored legacy codebases to **MVVM + Coroutines** with 65–70% test coverage (JUnit, Mockito, Espresso); integrated proprietary analytics tracking for improved performance and insight.

Early Career (2018 - 2019)

Contributed to MVVM refactors, OTA update automation for 10K+ IoT devices, and custom Android ROM development across Genius Plaza, Intellastar, and Bak USA.

Personal Projects

Retro - Easy Timezones ([Android](#) and [iOS](#))

- Built and independently shipped a timezone helper app with a retro-future aesthetic on both platforms.
- Self-taught SwiftUI for the **iOS port**, leveraging transferable mental models from Jetpack Compose.
- Structured a reusable design system that enabled **AI-assisted porting** of the Android design layer to SwiftUI, significantly reducing port time.
- Managed the full release cycle for both Google Play and the App Store.

Education

M. S in Computer Science, State University of New York at Buffalo, Buffalo, USA - 2018

B. S in Computer Science, Prasad V. Potluri Siddhartha Institute of Technology, Vijayawada, India - 2016