Gideon Paul Arugollu

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Experienced Android Engineer with 8 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 full-stack feature delivery at companies like Wayfair and Zoomcar. Passionate about developer mentorship, code quality, and measurable business outcomes.

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.
- Leveraged AI tools (Cursor, Copilot, Junie) to boost delivery velocity ~20%.
- Maintained deeplink support for a range of features on Android platform.
- **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.
- 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 coordinated rollout reviews with QA team.
- Implemented push notifications and deep-link routing to enhance user re-engagement.
- Optimised development time by 30% with a shared **Kotlin Multiplatform** module for iOS and Android.
- 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.

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