Daniel Avrukin

Phone: +1 (925) 200-9710 Email: davrukin@gmail.com
GitHub: https://github.com/davrukin LinkedIn: https://www.linkedin.com/in/davrukin/

Professional Summary

Staff Android Engineer with 8+ years building consumer mobile applications. Experienced across the full development lifecycle: architecture, technical design, cross-platform collaboration, and launch. Eager to apply deep Android expertise to new problem spaces, and actively uses modern AI-assisted tools to move faster, write better tests, and tackle new challenges.

Skills

AI & Developer Productivity: Proficient in using LLMs (Claude, Gemini, ChatGPT, Grok) and Agents (Claude Code, Cursor) for rapid prototyping, fixing bugs, learning, and test generation.
Languages: Kotlin, Java, Swift, Go
Libraries and APIs: GraphQL & REST APIs, JetPack Compose, Kotlin Flow, Dagger/Hilt, Coroutines, Kotlin Multiplatform, MVVM, MockK, Material Design, ReactiveX (RxJava, RxKotlin, RxAndroid), Realm, AWS (Alexa, DynamoDB, EC2, S3)
Tools: Android SDK, Android Studio, JetBrains IDEs, Github, Postman, Maven, Gradle, Microsoft Office, iWork, Raspberry Pi, Arduino, NFC, BLE, SourceTree, Git, Clean Architecture, CI/CD

Experience

Walmart Global Tech, Sunnyvale, CA

Staff Android Engineer *January 2025 - Present*
Senior Android Engineer *July 2024 – January 2025*

- Serves as Android technical lead for the Post-Transaction team, coordinating delivery across a 14-engineer cross-platform team (Android, iOS, Web, BE/OL), balancing technical debt reduction with rapid delivery of business initiatives.
- Spearheaded the migration to Jetpack Compose for new features in the Amends module, collaborating directly with the Platform team to resolve implementation gaps with broader impact across other modules.
- Drives the architecture and implementation of the Amends order management experience ($2B annual GMV, 25% order amendment rate), delivering features including Impulse Add-to-Order (+$5 average order value) and Floating Cart across multiple app surfaces including Pharmacy, Shop, and My Items.
- Builds internal developer tools to close observability gaps, including LLM-assisted OpenObserve SQL and VRL fixes to maintain app error rate dashboards previously managed in Splunk.
- Advances team operational practices by migrating long-term error tracking from Confluence to Slack Lists and utilizing AI-assisted development to accelerate coding and testing cycles.

BILL, San Jose, CA

Senior Android Engineer (Android, iOS, Kotlin, Swift, Gradle) *June 2022 - February 2024*

- Owned design, implementation, and launch of new Android billing, invoicing, and spend & expense app using Jetpack Compose, Kotlin Flow, and Hilt.
- Drove feature parity and modernized Android and iOS apps with BILL's internal design language.
- Collaborated with cross-site partners to manage project responsibilities and resolve dependencies.

Abbott Diabetes Care Inc., Alameda, CA

Software Engineer III – Mobile (Java, Kotlin, Swift, C#, RxJava) *April 2020 - June 2022*
Software Engineer II – Mobile *August 2018 - April 2020*

- Developed critical patient safety features for continuous glucose monitoring (NFC & BLE) in the FreeStyle LibreLink application.
- Led the modernization of a legacy Java codebase to Kotlin, significantly improving application maintainability and code integrity.
- Navigated a complex, pre-Agile environment by translating ambiguous requirements into technical specifications and resolving OEM-specific mobile device issues to deliver features on schedule.

Drag Labs Inc., San Jose, CA

Software Engineer (Java, Kotlin, Swift, Go, Arduino) ***November 2016 - August 2018***

- Engineered a novel Android app to solve the challenge of remote music collaboration, enabling real-time, time-synchronized recording from multiple devices while using Kotlin Coroutines to ensure a responsive and seamless user experience.

Heller Bioinformatics Lab, San Jose State University, San Jose, CA

Software Developer (Java) ***January 2017 - May 2017***

- Contributed to a bioinformatics research project by adapting a software pipeline used for finding genes, processing the final nucleotide sequence data extracted from the BOLD database and GenBank.
- Translated complex genomic data into accessible insights by developing a Java desktop applet to present the final analysis results visually for each species.

Education

San Jose State University

BA in Biology and Minor in Computer Science December 2017