

GIDEON TOBING

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PROFESSIONAL SUMMARY

Senior Android Engineer with 7+ years building and shipping production mobile applications in fintech and enterprise environments. Proven track record architecting high-quality Kotlin/Java Android apps, driving MVVM adoption, and delivering reliable digital experiences to 50,000+ active users. Experienced in RESTful API and GraphQL integration, test automation (JUnit, Espresso, UI Tests), code reviews, CI/CD pipelines, and the full agile SDLC — from sprint planning through Play Store deployment and production support. Strong collaborator with UX Designers and Business Analysts, with a consistent record of mentoring engineers and raising team-wide code quality. Currently completing a Master of Information Technology (Software Development) at Griffith University (graduating December 2025).

EXPERIENCE

Software Engineer – University Placement Program

Jul 2025 – Oct 2025

Rightsec

Brisbane, AU

- Led Microsoft ATP API integration using Go (Fiber), PostgreSQL, and Docker, delivering 14 RESTful endpoints one week ahead of schedule for government GRC automation platform MVP
- Reduced code duplication by 35–40% by refactoring HTTP client infrastructure into shared core package, establishing reusable architecture pattern adopted across 4 provider modules
- Built React/TypeScript frontend dashboards and configured Prism Mock API with OpenAPI/Swagger specifications
- Established GitHub Kanban workflow and coordinated 5-member development team through daily stand-ups, enabling on-time delivery within a 6-week timeline

Senior Software Engineer – Android

Jan 2021 – Sep 2023

Cicil.co.id

Jakarta, IDN

- Architected profile and membership features for a high-traffic fintech platform serving 50,000+ active users, collaborating with UX Designers and Business Analysts to translate requirements into robust technical solutions
- Migrated legacy codebase to Kotlin Flow and Coroutines, achieving 25% performance improvement and meeting ISO 27002 security certification requirements
- Led architecture transition from MVP to MVVM with data binding, reducing UI-related bugs by 30% and significantly improving long-term code maintainability
- Established release management and production support process including Google Play Store submissions and Crashlytics monitoring, maintaining 99.5% crash-free user rate
- Conducted rigorous code reviews and enforced coding standards, raising overall codebase quality and consistency across the Android team
- Authored unit and integration tests using JUnit, improving test coverage and application stability across critical payment and user flows
- Led and mentored a junior Android engineer; contributed to sprint planning and biweekly grooming sessions to ensure on-time feature delivery

Software Engineer – Mobile Android

Jan 2020 – Dec 2020

Cicil.co.id

Jakarta, IDN

- Collaborated in an agile team to develop core fintech features including lending flows, user onboarding, and transaction management using Kotlin and Android Jetpack
- Designed and implemented “Safe Click” anti-fraud mechanism, eliminating accidental transaction clicks (reduced from 45% to 0%), directly improving transaction security and user trust
- Participated in code reviews and worked closely with QA and BA teams to validate feature requirements and ensure application stability

Senior Android Engineer

Nov 2017 – Dec 2019

Astragraphia Information Technology – AGIT

Jakarta, IDN

- Single-handedly developed and published Spotqoe mobile application using Java, Google Maps API, and Room database, successfully launching to production on Google Play Store
- Established release pipeline to production and created segregated staging environment for QA testing, reducing deployment issues by 40%

- Partnered with QA team to define functional test cases and ensure end-to-end application stability before each production release
- Created comprehensive API documentation and developer guidelines, establishing technical standards adopted across the development team
- Collaborated with project management and UX designers on wireframe creation and UI implementation, delivering user-centric mobile solutions

Software Engineer – Mobile

Dec 2016 – Nov 2017

Valdo Inc

Jakarta, IDN

- Co-developed a secure banking application from concept to prototype, delivering both technical implementation and UI/UX design in a client-facing financial services context
- Collaborated directly with client stakeholders on requirement analysis, translating business needs into technical specifications for banking features
- Performed comprehensive QA testing as sole testing resource, ensuring application stability and compliance with banking security standards

Junior Mobile Android Developer

Aug 2016 – Oct 2016

Ruangguru

Jakarta, IDN

- Developed student profile management features for education platform, focusing on user data security and input validation
- Implemented Git workflow with Bitbucket for version control and collaborative development in agile environment

Junior Mobile Android Developer

Mar 2016 – Aug 2016

PT. Cyanlabs Indonesia

Jakarta, IDN

- Contributed to cross-functional team development of Goodies marketplace application alongside 2 backend developers, iOS developer, and IT leadership
- Implemented pixel-perfect UI following Zeplin design specifications while ensuring consistent user experience across iOS and Android platforms

KEY PROJECTS

Calorie Tracker | *Kotlin, Jetpack Compose, MVVM, Retrofit, Room, Dagger Hilt, Coroutine Flow*

Oct 2025

- Multi-module Android app for daily nutrition planning and meal tracking, integrating the OpenFoodFacts RESTful API with clean MVVM architecture
- Implemented comprehensive test suite: JUnit4 unit tests, Turbine for Flow testing, and Espresso-based UI Tests — demonstrating full automated testing coverage across layers

Little Lemon | *Jetpack Compose, Room, Ktor, Material Design 3*

Sep 2025

- Capstone project for Meta's Android Developer Professional Certificate — modern restaurant app with full Compose-based UI and local data persistence

Story App | *Kotlin, Clean Architecture, MVVM, Hilt, Retrofit, Room*

Aug 2023

- Android social story-sharing app built with Clean Architecture, Hilt DI, Retrofit, LiveData, Glide, and Lottie animations

OMDb Movie App | *Kotlin, MVVM, Retrofit, Glide, Dagger Hilt*

Jul 2023

- Movie discovery app with MVVM architecture, LiveData, ViewModel, and Dagger dependency injection

Automated Threat Detection System | *ServiceNow, VirusTotal API*

Mar 2025

- Architected automated URL scanning and blocking system integrating VirusTotal API for real-time threat intelligence, with Cloudflare Gateway for immediate policy enforcement

Security Operations Center Simulation | *Splunk SIEM, DMZ Architecture*

Jul 2024

- Implemented enterprise-grade DMZ security architecture and performed security incident investigation using Splunk SIEM, analysing attack patterns and implementing detection rules

TECHNICAL SKILLS

Android: Kotlin, Java, Jetpack Compose, MVVM/MVP, Coroutines, Flow, Retrofit, Room, Hilt, CameraX, LiveData, Navigation
Testing & Quality: JUnit4, Espresso, UI Tests, Turbine, Mockito, SonarQube, functional & automation testing
CI/CD & Tooling: Jenkins, GitHub Actions, GitLab CI, Artifactory, Firebase App Distribution, Google Play Console, Crashlytics, Git
APIs & Architecture: RESTful APIs, GraphQL (Apollo Android), microservices, OpenAPI/Swagger, MVVM, Clean Architecture
Backend: Go (Fiber), PostgreSQL, Docker
Frontend: React, TypeScript, JavaScript
Languages: Kotlin, Java, Go, Python, JavaScript/TypeScript, SQL, Dart, C/C++
Cloud & Security: Google Cloud Platform, Firebase, AWS/Azure (exposure), ISO 27002, secure coding practices, Splunk SIEM
Additional: Flutter, Kotlin Multiplatform Mobile (KMM), Unity XR/AR, ServiceNow

CERTIFICATIONS

Meta Android Developer Professional Certificate | 2025
Google Cybersecurity Professional Certificate | 2025
Splunk Search Expert 101 | 2024

ADDITIONAL EXPERIENCE

Android Development Facilitator Jan 2017 – Dec 2018
Indonesia Android Kejar Jakarta, IDN

- Mentored 20+ aspiring developers through weekly 2-hour Android programming workshops, developing curriculum focused on production-ready application development
- Provided hands-on guidance for students building and publishing their first Android applications

Team Member – Retail Operations Oct 2023 – Present
Woolworths Supermarkets Chatswood Hills, QLD, AU

- Maintained work-study balance managing 24-hour weekly schedule while pursuing Master's degree

EDUCATION

Griffith University Brisbane, AU
Master of Information Technology, Software Development Mar 2024 – Nov 2025

Gunadarma University Jakarta, IDN
Bachelor of Computer Science Sep 2011 – Jul 2015