



# Dzakwan Dawsie

Software Engineer

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📍 Depok, West Java, Indonesia

## SUMMARY

Android Engineer with hands-on project experience since 2017 and 6+ years of overall software engineering background, holding a Bachelor's degree in Information Systems from Gunadarma University. Ranked in the Top 10% of Bangkit Academy 2024 Batch 2 (Google-led program) specializing in Android development, with certifications including Android Developer Expert (Dicoding) and Dev Certified for Android. Experienced in scalable app architecture, Jetpack Compose UI, Firebase integration, and applied machine learning (computer vision & recommendation systems). Passionate about building high-quality and performant Android applications at scale.

## EXPERIENCE

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|---|-------------------|
| <b>Web Developer</b><br>anilo ↗   | 05/2019 - Present |
| <ul style="list-style-type: none"><li>Developed and maintained various dashboards and web applications using Laravel and Next.js, ensuring stable performance and smooth user experience.</li><li>Built and maintained backend services with Laravel and NestJS, improving system reliability and supporting seamless integration with frontend applications.</li></ul>   |                   |
| <b>Mobile Development Cohort at Bangkit Academy led by Google, Tokopedia, Gojek, &amp; Traveloka</b><br>Bangkit Academy led by Google, Tokopedia, Gojek, & Traveloka ↗  | 09/2024 - 01/2025 |
| <ul style="list-style-type: none"><li>Graduated with Distinction (Top 10%) out of thousands of participants.</li><li>Specialized in Android development with Kotlin and Android Studio.</li><li>Applied Clean Architecture, MVVM, and Firebase integration to build a functional prototype.</li><li>Collaborated in a cross-functional team to deliver Serenity, a capstone app for managing social media usage.</li><li>Developed additional Android apps: Asclepius (health app with TensorFlow Lite for skin disease detection) and DiEventAja (event discovery app with Jetpack Compose, DataStore, and modern Android architecture).</li></ul> |                   |
| <b>Web Developer Internship</b><br>PT. National Data Integrator ↗   | 12/2018 - 02/2019 |
| <b>Permata Youth Preneur 2018 – Winner</b><br>Permata Bank  | 08/2018 - 08/2018 |
| Developed a fintech mobile app recognized as Best Fintech App and awarded Best Team at Permata Youth Preneur 2018 by Permata Bank.  |                   |
| <b>Facilitator</b><br>Indonesia Android Kejar ↗   | 11/2017 - 12/2017 |
| Facilitated beginner-level Android development sessions under Google Developers' "Indonesia Android Kejar" program, guiding participants in Android fundamentals and hands-on app building.   |                   |

## EDUCATION

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| <b>Information System</b><br>Universitas Gunadarma - Bachelor's degree | 09/2021 - 09/2025 |
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## CERTIFICATES

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|---|-------------------|
| <b>Bangkit Academy – Android Learning Path (Google, GoTo, Traveloka)</b> ↗<br>Bangkit Academy (Google, GoTo, Traveloka)   | 01/2025 - Present |
| Intensive 6-month program focused on Android development with Kotlin, Firebase, and ML integration; developed capstone project with a team following industry standards.  |                   |
| <b>Dev Certified for Android</b> ↗<br>dev.cert  | 03/2025 - 03/2028 |
| Skilled in building UI (ConstraintLayout, RecyclerView, Custom Views), managing data with Room & Paging, implementing background tasks with WorkManager/AlarmManager, debugging with Android Studio, and performing UI testing to ensure app functionality. |                   |
| <b>Building Android Applications with Jetpack Compose</b> ↗<br>Dicoding   | 01/2025 - 01/2028 |
| 50-hour program focused on building Android applications with Jetpack Compose, covering declarative UI, state management, lazy layouts, navigation, interoperability with XML, and UI testing; delivered a functional app as capstone project.              |                   |
| <b>Android Developer Expert Certification</b> ↗<br>Dicoding   | 01/2025 - 01/2028 |
| 90-hour program focused on Clean Architecture, Reactive Programming, Dependency Injection, Modularization, CI/CD, Performance, Security, and industry-standard libraries; built a scalable Android app as capstone project.                                 |                   |
| <b>Applied Machine Learning for Android</b> ↗<br>Dicoding   | 10/2024 - 10/2027 |
| 60-hour program focused on integrating Machine Learning into Android apps, covering TensorFlow Lite, MediaPipe, ML Kit, Firebase ML, and Generative AI; built an on-device image classification app as capstone project                                     |                   |

## SKILLS

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|----------------------|------------------------------|
| Kotlin               | Logcat                       |
| Jetpack Compose      | JUnit                        |
| Room                 | Espresso                     |
| DataStore            | Mockito                      |
| MVVM                 | Data Structures & Algorithms |
| Clean Architecture   | Git                          |
| Dependency Injection | Firebase Integration         |
| Modularization       | Image Recognition            |
| LeakCanary           | TensorFlow Lite              |

## LANGUAGES

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|                  |        |              |       |
|------------------|--------|--------------|-------|
| Bahasa Indonesia | Native | English (US) | Basic |
|------------------|--------|--------------|-------|