

ALEXANDER WILLIAM

Software Engineer | Mobile Developer | Web Developer

Location: Jakarta, Indonesia

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WORK EXPERIENCE

Mobile Developer - Wahdah Technology

August 2025 – Present

- Collaborate with colleagues and senior to develop the main business product: DRIVEO and WAHDAH using Android Kotlin and IOS Swift.
- Teach and supervise Intern and Junior Mobile Developer on special projects.

Android Developer - Integra Pratama

July 2024 – July 2025

- Spearheaded the development of a new project for LANDI devices (EDC and ECR), ensuring seamless integration and functionality.
- Developed a Point of Sale system (Cashier and Dashboard) from scratch using Flutter, MongoDB, and Firebase Cloud Functions.
- Successfully integrated SDKs for sister company's POS system and TMS (Terminal Management System) to work seamlessly with Landi devices, facilitating cross-platform compatibility and expanding business capabilities.

Android Developer - Lucy Teknologi

May 2023 – May 2024

- Designed and developed a comprehensive waiter (Android and IOS) and invoice (Android) app from scratch, utilizing Android Studio, Kotlin, Xcode, and Swift.
- Developed a dynamic control panel web app using Vue and Node.js, allowing restaurant managers to easily manage menus, orders, and payments.
- Collaborated with senior developers and managers to design and develop a main app, cashier Android app, and dashboard web app for a restaurant management system.

EDUCATION

Computer Science - Beijing Institute of Technology

2020 - 2024

SKILLS

- Android Development: Kotlin, Java, XML, Jetpack Compose, Dagger Hilt, Multi-module, Clean Architecture, Android Lifecycle, MVVM or MVI Pattern, Room, Realm, Retrofit, Ktor, Android SDK
- IOS Development: Swift, SwiftUI
- Hybrid App Development: Flutter, Dart, React Native, Typescript, Kotlin Multiplatform
- Front-end Development: React, NextJS, Vue.js, Nuxt, TailwindCSS, Typescript
- Back-end Development: Firebase, Supabase, MongoDB, ExpressJS, RESTful APIs & JSON

LINKS

- Github: <https://github.com/lexwilliam/>
- LinkedIn: <https://www.linkedin.com/in/alexander-william-0898a5187/>

FREELANCE PROJECTS

Rocketdeli- Vietnam Food Delivery Platform

April 2025

Cross-platform Flutter app with customer and restaurant apps for food ordering and management. The customer app supports browsing restaurants, placing orders, tracking deliveries, and leaving reviews. The restaurant app handles menu management, order processing, analytics, and payments. Built with a shared UI component library and design system. Uses clean architecture with BLoC and dependency injection. Supports iOS, Android, and web. Tech stack: Flutter, Dart, Firebase, Google Maps, REST APIs, and localization.

BSN BackOffice – Attendance HR App for Badan Standarisasi Nasional

January 2025

Built a cross-platform Flutter app for employee attendance and leave management. Uses clean architecture with BLoC for state management and integrates with a REST API. Features JWT-based authentication, attendance check-in/check-out, leave request submission and approval, and employee profile management. Built with Flutter, Dart, BLoC, Clean Architecture, Dio HTTP client with auth interceptors, GoRouter navigation, GetIt dependency injection, and Material Design 3 UI. Streamlined attendance and leave workflows with cross-platform support (iOS, Android, Web) and a maintainable codebase with clear separation of concerns.

Gahari – UMKM E-Commerce / Marketplace App

December 2024

Developed a comprehensive e-commerce mobile application for Indonesian small businesses (UMKM) using Jetpack Compose, Kotlin, and Supabase backend. Features multi-role system (customer/seller/admin), complete shopping functionality with product catalog, shopping cart, Midtrans payment integration, and news management. Implemented clean architecture with MVVM pattern, Hilt dependency injection, Room database, and Google authentication, providing a scalable digital commerce solution for small enterprises.

Elda – Korea AI-Powered Call Management App

Nov 2024

Developed an Android application using Kotlin and Jetpack Compose that automatically detects phone calls and sends AI-generated voice note requests to callers. Implemented Material Design 3 UI with bottom navigation, integrated multiple TTS services (ElevenLabs, Naver Clova), and built OAuth authentication (Kakao, Google, Naver). Architected using MVVM pattern with Hilt dependency injection, implemented call state monitoring through broadcast receivers, and integrated Firebase backend services for inbox management and payment processing.