

# Wildan Fajri Alfarabi

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## PERSONAL PROFILE

Hi I'm Wildan, a dedicated and hard-working individual, fueled by a strong curiosity for IT, and driven by a passion for creative problem-solving and innovative thinking. I enjoy developing multiplatform software or solutions to automate repetitive chores, overcoming new challenge and learn new things to improve my hard and soft skills. I have a lot of expertise creating programs and application then incorporating machine learning into them using languages like Kotlin, Flutter, Swift, React, ReactNative, NodeJS and PHP. In order to come up with the best answer to the issue, I also knowledgeable with UI/UX design principles.

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## KEY COMPETENCIES

Software engineering  
Data structure and algorithms  
Object-oriented programming

Mobile & web development  
GIT version control system  
Testing and debugging

Communication  
Critical thinking  
Creative problem-solving

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## PROFESSIONAL EXPERIENCE

### Nomura Research Institute Frontend Engineer (Remote)

January 2024 - December 2024

- Develop online multiplatform retail app using React Native for one of the large venue in Indonesia.
- Develop retail product deep analysis system powered with AI & Realtime data integration (React).
- Maintaining NOYA mobile application for internal employee management.
- Online assessment system (DevSkiller like) using React with automatic scoring system for candidate project analysis (React, Flutter, Kotlin, NodeJS) and create a pixel perfect automated UI test scoring system.

### KU-CI Internasional Mobile Flutter Developer (Remote)

January 2023 - December 2023

- Implementing UI/UX Design into reactive and responsive Apps.
- Communicate with backend server via REST API and Websocket.
- Implementing custom widget animation from scratch.
- Account & Token Based Authorization, SQLite, Geolocation, Realtime Chat/Call, Secure Chat E2EE System and Payment Gateway feature implementations.
- BLoC and Provider state management for reactive apps.
- Apply clean architecture code, dependency inversion principle, and single source of truth data flow.
- Git versioning control system.
- Apps testing, debugging and performance tuning, resource monitoring and CI/CD.

### Aido Health (Siloam Group) Fullstack Website Developer Internship (Remote)

September 2023 - December 2023

- ERD and Database Schema Design.
- Create responsive layout for multiple device.
- MVC software design pattern using Laravel Framework.
- Implement Account & Token Authorization, Dashboard, and Content Management System from scratch.
- Git versioning control system.
- Security Enhancement with JWT.

**Mobile Developer Mentor Batch 1 & 2**

- Lead and assist a group of 25 cohort student in a class from mobile development learning path.
- Cohort code reviewer and do 1 on 1 consultation.
- Instructor Led Training (ILT) teaching assistant.
- Study group coordinator

**PT Indi Teknokreasi Internasional****August 2022 - December 2022****Mobile Developer Internship (Kotlin and React Native)**

- Collaboration with UI/UX Design team for creating new Feature & Solutions on [AhwalNote Apps](#).
- AhwalNote source code migration from native Java to native Kotlin.
- Updating Qur'an recitement, Surah, Daily dalil module and implement new Qibla compass, Islam news feature and new User Interface for AhwalNote application.
- AhwalNote code refactor and debugging.
- GIT control version system collaboration for AhwalNote application.
- Revamp old monolith into modular & Clean Architecture also implement Reactive Programming.
- Android development bootcamp event syllabus maker.
- React native training with mentor for creating multiplatform apps.

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## EDUCATION

**BACHELOR OF COMPUTER SCIENCE, BOGOR AGRICULTURAL UNIVERSITY (IPB) - Graduate with Distinction (GPA 3.98)****JULY 2019 - OCTOBER 2023**

- Data Structure and Algorithms
- Software Engineering, OOP, Functional Programming, and SOLID Paradigm
- Design, System, Software Design pattern and SDLC
- UI/UX Design Principles

**BANGKIT ACADEMY - Mobile Development Learning Path****FEBRUARY 2022 - JULY 2022**

- Native Kotlin Mobile Development Learning Path
- Android Lifecycle, Fundamentals, Advanced Components and Best Practices
- Remote (RESTful API & Websocket) and Local Data Source Management (SQLite, SharedPrefs, DataSource, etc)
- Various feature implementation, like Geolocation, Authorization, Chats, Media, etc
- Create multiple portofolio project (Github User apps, Dicoding Story apps, and GamesDB apps)
- MVVM Design Pattern, Clean Architecture, Modularization and Reactive Programming
- Testing, Debugging, Performance Tuning & CI/CD.
- GIT control version system

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## PROJECT PORTFOLIO

**[Ahwal Note Apps](#)**

AhwalNote an Islamic application that helps the user in response to a state suitable guidance hadith and Quran. Numbering hadith used is numbering Fath al-Bari. I am working on project revamp from native Java to Native Kotlin, updating the AhwalNote feature, for example the ka'aba compas feature and fixing bugs

**[Medical Training Web Portal](#)**

Medical Training Website Portal with CMS Based Laravel Framework

**[Other Portfolio Project](#)**

I've also create other project with variety of categories and platforms such as Private Chats Apps, Retail Shop Analysis apps, etc.

*\*Other projects are covered under a Non-Disclosure Agreement (NDA) and cannot be shared publicly*

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## CERTIFICATION/ACHIEVEMENT

[ANDROID \(KOTLIN\) CERTIFICATION \(FUNDAMENTAL - EXPERT\)](#)

DECEMBER 2022

[IOS SWIFT CERTIFICATION \(FUNDAMENTAL - EXPERT\)](#)

MARCH 2025

[FLUTTER CERTIFICATION \(FUNDAMENTAL - EXPERT\)](#)

APRIL 2024

[GOOGLE ASSOCIATE ANDROID DEVELOPER](#)

AUGUST 2022

[NODE.JS BACKEND: BASIC TO ADVANCED](#)

MAY 2024

[BACKEND FUNDAMENTAL](#)

MAY 2024

[CI/CD IMPLEMENTATION](#)

FEBRUARY 2024

[BANGKIT ANDROID PATH CERTIFICATE & FINAL TRANSCRIPT](#)

JULY 2022

[BEST GRADUATE OF BACHELOR STRATA IN IPB UNIVERSITIES WITH GPA 3.98](#)

DECEMBER 2023

[GOOGLE DATA ANALYTICS](#)

JUNE 2022

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