MAULANA FIRDAUS

Depok, West Java, Indonesia

+6281574576677 | firdausmaulan@gmail.com | linkedin.com/in/firdausmaulan | firdaus91.web.id

SKILLS

- Android Native	- Java / Kotlin	- Compose + MVVM	- GIT
- Flutter (Android / IOS)	- Dart	- GetX / BLOC	- CI/CD
- React Native	- Javascript	- Axios	- Firebase
- Laravel	- PHP	- SQL (MySQL / SQLite)	- Unit Test + Sonarqube

EXPERIENCE

Senior Mobile Developer   **Aug 2019 - Present**

Advotics, Jakarta

Advotics is a software company offering ERP solutions through a SaaS model for supply chain management, serving factories, warehouses, deliveries and loyalty systems. Trusted by major companies such as Pertamina, Federal Oil / ExxonMobil, Motul, Coca-Cola, Saint-Gobain, Blibli, HokBen, and others.

- **Factory & Warehouse App** (Link)
  - o Features : Scanner, Product Packaging & Identity, QC, Inbound-Outbound, Inventory, Stock Opname.
  - o Tech Stack : Java, Kotlin, MVVM, Room with SQLChipper, Scanner (CameraX, MLKit, Honeywell, Panda Scanner), Background Service for Scheduled Sync, Multi Module by role (Operator/Manager), MPAndroidChart, Custom Network Logger (like Chucker), Firebase Crashlytics, Firebase App Distribution, Unit Test, Sonarqube, Gitlab, gitlab-ci, Multi Variants (Different App for Multi Clients).
- **Sales & Delivery Order App** (Link)
  - o Features : Offline Mode, Journey Plan, New Outlet Order, Check In, Sales Order, Delivery Order.
  - o Tech Stack : Java, Kotlin, MVVM, Room, Dagger Hilt, Live Data, Coroutine, RxJava, AWS S3 SDK, Custom Network Logger (like Chucker), Google Maps, Push Notification (One Signal), Foreground Service for Live Tracking Location, Background Service for Scheduled Sync, WorkManager for Download Data (Products, Journey Plan, etc), Firebase Crashlytics, Firebase App Distribution, Unit Test, Sonarqube, Gitlab, gitlab-ci, Multi Variants (Different App for Multi Clients).
- **Loyalty App for Retailers / Outlets** (Link)
  - o Features : Point & Reward, Point of Sales, Create Order, Inventory Scan.
  - o Tech Stack : Flutter, Dart, GetX, get_storage, sqflite, flutter_config (read config from .env), Google Maps, Mobile Scanner, Custom Network Logger (like Chucker), Firebase Crashlytics, Firebase App Distribution, Gitlab, gitlab-ci, Multi Variants (Different App for Multi Clients).
- **Enhanced App Quality & Stability:**
  - o Significantly Increased Stability: Improved crash-free user percentage from 40% to over 90%, consistently maintaining stability across all apps.
  - o Implemented Testing & Quality Assurance Tools: Integrated unit tests and static code analysis (SonarQube) to enhance code quality. Reduced potential errors from 56 to 2 and eliminated 491 vulnerabilities based on SonarQube reports.
- **Enhanced Developer Experience & Productivity:**
  - o Optimized App Efficiency: Reduced the app size from 25 MB to 18 MB and cut build time by nearly 25%, bringing it down from 22 minutes to 17 minutes.
  - o CI/CD Pipeline Development: Designed and implemented a CI/CD pipeline capable of managing multiple app variants for each client. Integrated Firebase App Distribution to streamline distribution across QA and user testing environments, enabling seamless app management by variant, stage, and version.
  - o Network Logger Integration: Created a network logger tool to improve issue debugging and visibility for Development, QA, PM, and Support teams, making it easier to identify and resolve issues in real time.

Android Developer   **May 2018 - Jul 2019**

Halodoc, Jakarta

Halodoc is a startup which focuses on healthcare, also known as GOMED on GOJEK.

- Halodoc Midwives App for ordering medicine or supplements. ([Link](#))
- Halodoc Midwives Pharmacy App for managing orders and deliveries via GOJEK. ([Link](#))
- Tech Stack : Kotlin, MVP, Retrofit, Room, Push Notification, Google Maps, Payment Gateway (Midtrans), Crashlytics, Unit Test, Multi Modules.

Android Developer   **Feb 2017 - Apr 2018**

Worknplay, Jakarta

WORKnPLAY is a property listing platform, also offering services like flight booking, hotel reservations, and online taxi booking. ([Link](#))

- Built the WORKnPLAY app from scratch, implementing key features like property search and travel bookings.
- Tech Stack And Tools : Kotlin, MVP, Retrofit, Room, Google Maps, Crashlytics, Bitbucket, Jira, Adobe XD.

Mobile Programmer   **Feb 2016 - Feb 2017**

Nutech Integrasi, Jakarta

Nutech Integrasi, part of the Telkom Group, develops technology solutions (software and hardware).

- Developed DPPePOS, a mobile tax application for the Jakarta Province Government.
- Developed Sales Tracking System apps for PT Smartfren Telecom Tbk ([Link](#))
- Developed Smart Retail Information System apps for PT Smartfren Telecom Tbk ([Link](#))
- Tech Stack : Eclipse, Android Studio, Java, Volley, SQLite, ZXing Barcode Scanner

PROJECTS

Klan Desa   **2019**

An application designed to help villagers connect more easily with local government and fellow villagers.

- Develop Klan Desa Android App ([Link](#))
- Features : Social Media, News, Announcement, Document Services.
- Tech Stack : Kotlin, MVP, Retrofit, Room, Google Maps, Push Notification, Image Cropper, Crashlytics.

OPEN SOURCE CONTRIBUTIONS

- https://github.com/scwang90/SmartRefreshLayout
- https://github.com/hbb20/CountryCodePickerProject
- https://github.com/firdausmaulan/GlideSlider
- https://github.com/firdausmaulan?tab=repositories

EDUCATION

Bachelor of Technology in Computer Science

UIN Sunan Gunung Djati Bandung   **2015**

SERTIFICATION

Menjadi Android Developer Expert by [Dicoding](#)