Julsapargi Nursam

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Professional Summary

Experienced Android Developer with over five years of expertise in building robust, user-centric mobile applications. Since 2018, I have refined my skills in Android development, delivering high-quality solutions aligned with modern best practices. In 2023, I broadened my technical skill set by specializing in Kotlin Multiplatform and Compose Multiplatform, enabling efficient cross-platform development and seamless code-sharing between Android and iOS. Passionate about staying ahead of industry trends, I am currently enhancing my proficiency in Swift and SwiftUI to further strengthen my ability to create smooth, native iOS experiences.

Work Experience

eFishery - PT Multidaya Teknologi Nusantara
Mobile Engineer - Android

Bandung, Indonesia
May 2022 - Mar 2025

- Optimized eFeederApp: Refactored the codebase from Groovy to KotlinDSL, enhancing efficiency and development consistency.
- Streamlined Dependency Management: Migrated from Dagger2 to Hilt for simpler code and reduced boilerplate.
- Enabled Kotlin Multiplatform: Implemented Kotlin Multiplatform for eFeederApp across Android and iOS, enabling code sharing and reducing development time, with up to 70% code reuse between platforms.
- Expanded Skillset to iOS: Contributed to iOS project setup and integrated Kotlin Multiplatform, developing UI with SwiftUI.
- Conducted UI Research and Migration: Researched and migrated UI from XML to Compose Multiplatform, while transitioning the design system from OneFish v1 to OneFish v2.
- Increased Unit Test Coverage: Implemented unit tests across key modules, achieving 64% test coverage, significantly improving reliability and maintainability.
- Continuously Improved Code Quality: Regularly refactored and optimized code for enhanced performance and maintainability.

Accurate - PT Cipta Piranti Sejahtera
Senior Mobile Engineer - Android

Tanggerang, Indonesia
Jan 2021 - Apr 2022

- Led a team of 3 Android developers in delivering innovative features for our POS app.
- Architected and implemented modularization, significantly enhancing app structure and maintainability.
- Modernized the user interface by transitioning from XML to Jetpack Compose.
- Optimized codebase through refactoring and performance improvements.
- Ensured timely project delivery and adherence to coding standards.

WOWBID - PT Wowbid Perintis Nusantara
Android Developer

Jakarta, Indonesia
Nov 2019 - Dec 2020

- Develop Android applications (WOWBID) using Kotlin, implementing clean architecture and MVVM concepts
- Assist in conducting research on Android app development.

CV Mediatama Web Indonesia
Android Developer

Padang, Indonesia
Mar 2019 - Jul 2019

- Create an Android App (Hemodialysis Diary, BP Paud Dismas Sumbar, Kasir Mediatama) using Kotlin with the MVP concept.
- Tutored students in private sessions on Android development basics.

Startup Project
Android Developers

Padang, Indonesia
Dec 2018 - Sep 2019

- **My-Yur App:** Developed the Android app from scratch using Kotlin and MVVM architecture, published it on Google Play Store, and monitored its performance.
- **Ajo Ojek:** Maintained and enhanced the existing ride-hailing app using Kotlin, adding new features and collaborating with the backend team for seamless integration.

PT Mitra Digital Sejahtera
Staff IT - Development (Android Developers)

Jakarta, Indonesia
Mar 2018 - Jan 2019

- Rewrote Android apps APF Collector and BSM Collector from Java to Kotlin, implementing the MVP architecture.
- Developed Android app BSM Surveyor using Kotlin and MVP architecture.
- Maintained Android app Buana Multidana CRM App using Java.

Technical Skills

Languages: Kotlin, Java, Swift, Dart
Frameworks: Kotlin Multiplatform (KMP), Compose Multiplatform (CMP), Jetpack Compose, SwiftUI, Flutter
Architecture: MVVM, MVI, MVP, Clean Architecture
Tools: Hilt, Dagger2, Retrofit, Coroutines, Firebase
Languages: Indonesian (Native)

Education

Universitas Putra Indonesia "YPTK" Padang
Faculty of Computer Science

Padang, Indonesia
Aug 2014 - April 2018

Bachelor's Degree in Informatics Engineering
Cumulative GPA: 3.6/4.0

- Staff, Informatics Engineering Student Association (HMJ IF)
- Head of Community Social Service Event (BASMA), Informatics Engineering Student Association (HMJ IF)
- Secretary, Informatics Engineering Student Association (HMJ IF)

Certifications / Courses

- **Learning Path Android** - Dicoding Indonesia, 2021
- **Learning Path iOS** - Dicoding Indonesia, 2023

Volunteer Experience

Padang Android Dev Community
Founder & Organizer

Padang, Indonesia
Oct 2018 - Present

- Founded a community focused on supporting Android developers in improving their skills and knowledge.
- Organized workshops, tech talks, and collaborative projects to promote best practices in mobile app development.
- Built a network of developers, encouraging knowledge sharing and mentorship among community members.