MUHAMMAD IRFAN

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PROFESSIONAL SUMMARY

Android Software Engineer with 3+ years of experience building high-performance, scalable mobile applications serving millions of users using Kotlin. Proven track record in modernizing legacy systems, implementing robust architectures and delivering features with 99% crash-free rates. Skilled in Kotlin, Java, API integration, and cross-functional collaboration to drive product excellence. Experienced in optimizing app performance, maintaining code quality, and deploying secure, reliable solutions in fast-paced environments.

TECHNICAL SKILLS

Languages:	Kotlin, Java, Python, JavaScript, PHP, SQL
Android:	Android SDK, Jetpack Components, MVVM, Clean Architecture, Multi-Module
Libraries:	Koin, Dagger-Hilt, Retrofit, OkHttp, Room, Kotlin Flow, Coroutines
APIs & SDKs:	REST API Integration, JSON, Third-party SDK Integration (Analytics, Payment, Auth)
Tools:	Android Studio, Git, Google Play Console, Firebase, Datadog, Jira, Figma
Practices:	Unit Testing, CI/CD, Code Review, Agile/Scrum, Documentation

PROFESSIONAL EXPERIENCE

Android Developer | BookCabin (Lion Group) | Contract
Jul 2025 - Jan 2026

- Led end-to-end revamp of the app's homepage using Kotlin and restructured architecture within a legacy codebase, completing the initiative in one month and improving app performance by 35%
- Migrated legacy Data Binding implementations to modern Kotlin-based alternatives, reducing technical debt by 60% and eliminating binding-related crashes entirely
- Collaborated with Product, Backend, and QA teams to deliver high-quality features, maintaining a 99% crash-free rate
- Implemented a new authentication system with enhanced session handling and refresh tokens, reducing unwanted session expirations by 100%
- Managed complete feature lifecycle from technical design to Google Play Console publishing, executing 30 production releases including features and bugfixes

Android Developer | PT. Phincon (MyTelkomsel) | Full-time
Aug 2023 - Jun 2025

- Contributed to MyTelkomsel Android app supporting seamless migration of 1M+ IndiHome users post-merger, achieving 100% successful user transition
- Implemented MVVM architecture with Kotlin, Koin DI and multi-module structure, improving codebase scalability and reducing build times by 40%
- Collaborated with Solution Architects, Backend teams, and QA to design and deliver 15+ features by analyzing technical specs and integrating APIs
- Resolved 50+ critical bugs across QA, staging, and production environments, reducing crash rates significantly
- Delivered pixel-perfect UI implementations matching Figma designs, enhancing user satisfaction scores

- Integrated third-party SDKs (analytics, payment, authentication) ensuring seamless functionality and maintaining app stability

Android & Backend Developer | Syiah Kuala University - Biology Department | Freelance
Aug 2022 - Jun 2023

- Designed and developed a biodiversity information system Android app with Express.js backend from scratch, serving 50+ researchers
- Optimized species database by 40% through data cleaning and deduplication, improving query performance by 50%
- Implemented MVVM with Kotlin Flow and Dagger-Hilt DI, adopting offline-first architecture with Room database caching

Android Developer Intern | Tsunami and Disaster Mitigation Research Center | Internship
Jul 2022 - Aug 2022

- Developed an Android app from scratch displaying 100+ tsunami mitigation locations across 5 regencies in Aceh within one month
- Implemented map integration with custom markers and offline data storage for emergency accessibility

EDUCATION

Bachelor of Informatics
Syiah Kuala University - Banda Aceh, Indonesia - GPA: 3.93/4.00

CERTIFICATIONS & TRAINING

- Bangkit Academy 2022 (Android Mobile Development) - Distinction Graduate (Top 10% of 3,100 cohort)
- Google Developers Associate Android Developer Certification (2022 - 2025)