

HESSAM RASTEGARI

Senior Android Developer

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Professional Summary

Senior Android Developer with 10+ years of experience building high-performance, scalable Android applications and leading end-to-end mobile development lifecycles. Skilled in modern Android technologies including **Kotlin**, **Jetpack Compose**, **Coroutines**, and **Clean Architecture**, with a strong focus on app stability, modular design, and CI/CD automation.

Proven record of mentoring developers, optimizing build pipelines, and improving user experience — achieving **99.9% crash-free sessions** and measurable gains in performance and engagement across large-scale products.

Recently led development of an **AI-powered Android e-commerce app**, integrating image generation and intelligent UX flows. Passionate about crafting maintainable, testable codebases and leading Android teams toward innovation and delivery excellence

Core Competencies

- **Languages & Frameworks:** Kotlin, Java, Jetpack Compose, Android SDK, Coroutines, Flow, LiveData, Room, Retrofit, Hilt, Koin
- **Architecture & Design:** MVVM, Clean Architecture, Modularization, Dependency Injection, SOLID Principles, Test-Driven Development (TDD)
- **Performance & Quality:** Profiling & Optimization, Crashlytics, Unit & UI Testing (JUnit, Espresso), Lint & Static Code Analysis
- **CI/CD & Automation:** GitHub Actions, Jenkins, Gradle Build Optimization, Play Store Deployment, Versioning & Release Management
- **AI & Modern Features:** OpenAI API Integration, Intelligent Image Generation, Personalized UX Automation
- **Leadership & Collaboration:** Code Review & Mentorship, Agile/Scrum, Cross-functional Communication, Technical Documentation

Professional Experience

Independent Android Developer (AI-Powered E-Commerce App)

Minishop — Jan 2025 – Present

- Designed and developed an **Android e-commerce application** integrating AI-powered product image generation and intelligent UX flows
- Implemented modern Android architecture using **Kotlin**, **Jetpack Compose**, **Hilt**, and **MVVM**, ensuring modular, maintainable code
- Built a seamless shopping experience with **multi-language support** and **real-time store updates** through RESTful API integration
- Focused on **automation and scalability**, achieving end-to-end deployment with minimal manual intervention
- Delivered a **production-grade Android solution** demonstrating architectural leadership, performance tuning, and clean code practices

Senior Android & Cross-Platform Developer

Communere Ltd., Remote, Aug 2023 – Jan 2025

- Led Android development initiatives to enhance architecture, scalability, and performance across multiple client-facing apps
- Optimized app startup and UI rendering, achieving **25% faster load times** and **99.9% crash-free sessions** in production

- Collaborated with design and backend teams to deliver **30% faster data synchronization** through improved API usage and caching
- Improved build and release workflows using **Gradle optimizations and GitHub Actions**, reducing delivery time by 20%
- Mentored junior Android developers in Kotlin, Jetpack Compose, and modular design principles, fostering a high-quality code culture
- Championed adoption of clean architecture and consistent UI design patterns, improving long-term maintainability and code reuse

Senior Android Developer

Avinance , Sep 2022 – Jul 2023

- Refactored a legacy Android app from **Java to Kotlin** using **MVVM architecture and Coroutines**, improving stability and reducing crash rate by **15%**
- Designed and delivered **Android TV and OTT** applications with secure **Google DRM** and optimized streaming using ExoPlayer
- Increased app performance by **20%** through code profiling, offline caching, and efficient media handling
- Implemented **Clean Architecture** with Hilt and modularization to ensure scalability and maintainability
- Mentored junior developers in Kotlin and Android TV best practices, reducing bug density by 15%
- Delivered production-ready Android solutions aligned with **Google Material Design** and performance standards

Senior Android Developer

Raya Leather Co. , Dec 2020 – Aug 2022

- Developed a native **Android e-commerce application** with custom REST APIs, improving customer engagement and conversion
- Built an **iOS WebView** version to enable cross-platform presence, increasing conversion rate by **20%**
- Enhanced code reliability and test coverage using **JUnit, Espresso**, and GitHub CI, improving overall stability by **25%**
- Delivered feature updates aligned with business goals, ensuring seamless UX and high user retention

Senior Android Developer

Panco.app , Jun 2020 – Nov 2020

- Resolved critical **WebRTC connection issues**, reducing average connection time from **19s to 2.7s**
- Improved application security and performance by refining **ProGuard configurations** and optimizing network handling
- Contributed to feature enhancements using **Kotlin and Java**, ensuring smoother real-time communication and lower latency

Senior Android Developer

MCI HUB , Jun 2018 – Feb 2020

- Developed and maintained multiple **SIM-based Android applications**, supporting a wide range of telecom services
- Increased active user base by **40%** through feature improvements and performance optimization
- Integrated **RESTful APIs** and managed full release lifecycle including Play Store publishing and post-release monitoring
- Ensured application security and stability with robust exception handling and API data validation

Mid-Level Android Developer

Pulsein , May 2017 – Jun 2018

- Developed two **startup Android applications** using **MVVM** and **Java**, improving performance and maintainability
- Collaborated with designers and backend teams to implement responsive UI and reliable API integrations
- Enhanced code quality through modularization and consistent use of Android design patterns.

Junior Android Developer

SAMIX , Oct 2014 - May 2017

- Developed and deployed over **100 customized Android applications** for various clients, focusing on UI customization and performance
- Integrated **ad services** and analytics solutions to enhance app monetization and engagement
- Supported clients through the full app lifecycle, including debugging, updates, and publishing on Google Play

Certifications

- [Advance Programming in Kotlin - Meta](#)
- [Working with data in Android - Meta](#)
- [Version Control - Meta](#)

Education

- **Bachelor's Degree** in IT-Web Design
University of Applied Science and Technology, Tehran , 2013 – 2015
- **Associate's Degree** in Software Engineering
Islamic Azad University (Pardis Branch), Tehran , 2009 – 2011

Articles and Journals

- **Reviewer for Conferences and Journals:** Microprocessors and Microsystems: Embedded Hardware Design (MICPRO), Q1, 2021.
- **Published Article:** 15th International Conference on Developments in eSystems Engineering (DeSE): “iCan – Psychological Look in Future Using Augmented Reality Technology”.
- **Technical Writer on Medium:** Authored multiple articles on **Android architecture, Kotlin best practices, and performance optimization** (available on [Medium](#) & [GitHub](#)).