

Shahar Keisar

Android Application developer

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About Me

I am deeply passionate about creation and innovation, thriving in collaborative environments where I can explore new ideas and engage in continuous self-improvement. I have a strong belief in the power of sharing knowledge and learning through teaching.

As an Android developer, I excel in team settings and have a proven track record of successfully managing projects from inception to completion. I specialize in providing innovative technological solutions to overcome development challenges.

Currently seeking a full-time application developer position in a dynamic and challenging environment that offers opportunities for growth and advancement.

Skills

AI Engineering & Workflow Optimization

- **AI-Driven Development:** Advanced usage of **Claude Code**; leveraging specialized skills, subagents, and orchestration workflows for rapid prototyping and development.
- **In-App AI:** Engineering in-app AI agents using **Koog**.

KMP/Android:

- **Architecture:** Clean Architecture, SOLID, MVVM, MVI (specializing in **Circuit** for robust state management), Single & Multi-Module Architecture.
- **Dependency Injection:** Metro, Dagger Hilt, Anvil, Koin, - using KSP. Using AutoService + KotlinPoet for generating .kt source files.
- **Compose UI:** Proficient in designing with Jetpack Compose UI, including debugging animations and semantics, to create dynamic and responsive user interfaces.
- **Compose Runtime:** Skilled in utilizing Jetpack Compose Runtime to enhance app performance and stability, focusing on managing state, side effects, and recompositions for optimal user experience.
- **Testing:** Experienced in various testing methodologies, including unit (utilize RoboRazzi), end-to-end, and integration testing, navigation, screenshots (Paparazzi, `compose.screenshot`).

- **Performance:** Proficient in generating baseline profiles and benchmarks to measure and optimize app performance, enhancing overall user experience.
- **Build Logic:** Skilled in setting up build logic and plugin conventions using Kotlin DSL, ensuring efficient and scalable build configurations for projects.
- **Manage hot and cold flow** - [State, Flow, SharedFlow, StateFlow, Channel], LiveData
- **Asynchronous programming:** Thread and Coroutines design patterns, ExecutorService.
- Manage Service and Worker for foreground or background needs.
- Functional programming: Arrow
- **Networking:** Ktor, Retrofit 2, OkHttp 3, Interceptors, Gson, Moshi, Scalars.
- Room, DataStore, SharedPreferences.
- ViewModel, Lifecycles.
- **Firebase:** Authentication, Firestore, Storage, Crashlytics, App distribution, Analytics, CloudMessage(xtremePush).
- GoogleMaps, MapBox.
- Gradle automation scripts.
- Building SDK.
- APK publish, CI/CD.

Also familiar with KMP, Ktor backend, WASM, IOS, and React Native.

General:

- GitHub, GitLab, Bitbucket, and Azure, and proficient in Git operation, setup git hooks.
- Jira, trello.
- Lean + Agile.
- MacOS, Linux, Windows.

Experience

Dec, 2023 - PRESENT

Bit, Tel-Aviv - *Mobile Development, Team Empowerment, AI Implementation*

- **AI-Driven Implementation:** Orchestrating autonomous sub-agent workflows to automate architectural scaffolding and boilerplate generation, significantly accelerating the development lifecycle.
- **Team Empowerment:** Establishing a culture of continuous improvement by leading weekly knowledge-sharing sessions and mentoring peers on modern architecture (Circuit, Metro) and Lean methodologies.

- **Architecture & Engineering:** Leading 100% native Android development (Kotlin), successfully introducing scalable architectural patterns to the core codebase.

May, 2021 - Dec, 2023

MsApps, Herzliya - *Mobile Development*

- Main Android development (Kotlin and Java) 90%
- IOS development (Swift)
- React Native
- Team leader
- Agile mobile application development
- Lean management - consistently improving the teams in the company.

Mar, 2021 - May, 2021

JustYou App, Tel Aviv - *Mobile Development*

- React Native

Education

Sep, 2019 - Jul, 2020

HackerU - Application development for Android and IOS and web