

Roei David Hakmon

Software Engineer | Mobile & Full-Stack Developer

📍 Netanya, Israel | 📞 050-228-2600 | ✉️ Roei2606@gmail.com

🌐 LinkedIn: [My LinkedIn Profile](#) | GitHub: [My GitHub](#)

Professional Summary

Passionate and detail-oriented Software Engineer specializing in mobile app development across Android and iOS platforms. Experienced in Java, Kotlin, Swift, and cross-platform architecture. Strong foundation in backend systems (Spring Boot, RSocket, MongoDB, Firebase) and reactive programming. Adept at designing scalable, modern apps with clean UI/UX using Material Components and SwiftUI/UIKit. Seeking an entry-level position to contribute to innovative products and grow within a collaborative engineering team.

Technical Skills

- Languages: Java, Kotlin, Swift, Python, C, C++, C#, JavaScript, SQL, Bash
- Mobile Development: Android (Java/Kotlin), iOS (Swift, UIKit, SwiftUI), Firebase, Lottie
- Backend & Databases: Spring Boot, MongoDB, MySQL, Firebase Realtime DB
- Frameworks & Tools: Git, Docker, Android Studio, Xcode, Visual Studio, Trello, Bitbucket
- Web: HTML, CSS, JavaScript
- Other: REST APIs, RSocket, JSON, CI/CD, Agile, Clean Architecture

Education

B.Sc. in Software Engineering
Afeka College of Engineering, Tel Aviv
October 2021 – June 2025

Relevant Coursework: Mobile App Development, Data Structures & Algorithms, Database Systems, Software Design & Architecture, Operating Systems, Web Development.

Projects

- Autooffer (Startup Project)
A full digital quoting and project-management platform for construction professionals.
 - Developed the Android client (Java + Material Components) and contributed to iOS (Swift).
 - Built real-time chat, PDF generation, and BOQ automation via Kotlin microservices.
 - Integrated MongoDB, Spring Boot (Reactive), RSocket, and FastAPI microservices.
 - Architected a modular SDK structure (chatSDK, projectsSDK, usersSDK, etc.).
 - Deployed backend on Google Cloud Run using Docker and MongoDB Atlas.
- DailyMoodFinal (iOS App)
A modern iOS app enabling users to track, analyze, and reflect on their mood daily through an elegant, minimal interface.
 - Built with Swift, Firebase (Auth, Firestore, Storage), Lottie, and DGCharts.
 - Implemented authentication with email/password and phone verified password reset.
 - Added profile image cropping using TOCropViewController and dark/light mode support.
 - Created modular navigation with UIKit, Storyboards, and MVC structure.
 - Developed mood tracking, journaling, and daily mood insights with smooth animations.

- **Real Estate Agent App (Android, Java)**
A management application for real estate agents to handle properties and meetings in real time.
 - Built real-time property and meeting management using Firebase Realtime Database.
 - Designed modular UI using RecyclerView, Fragments, and CardView.
 - Enabled agents to add, delete, and schedule meetings for each property.
 - Created custom adapters for assets and meetings, ensuring a clear, user-friendly interface.
- **KidApp (Android, Java)**
A child-oriented mobile app connected to the KinderKid platform, enabling kids to view personal info, receive notifications, and manage assigned tasks.
 - Connected to a shared backend server with Retrofit API integration and JSON parsing.
 - Built modular activities for profile management, task lists, and notification handling.
 - Implemented KidService and UserService interfaces for seamless client-server communication.
 - Used MVVM architecture with REST API endpoints and RetrofitClient for network requests.
 - Designed a simple, safe, and intuitive interface tailored for children, using Material Design.

Professional Experience

Customer Portfolio Manager

Shlav Aluminum – Kibbutz Haogen, Israel

Oct 2021 – May 2024

- Managed client portfolios and digital price quotation systems.
- Improved internal efficiency using Excel automation and data tools.
- Maintained excellent customer relationships and technical support processes.

Store Manager

iDigital – Netanya, Israel

Nov 2020 – Oct 2021

- Managed daily store operations and staff performance.
- Handled technical support for Apple devices and ecosystem integration.
- Delivered high-quality customer service and technical consultations.

Military Service

Israel Defense Forces (IDF) – HR, Senior Staff Sector

Feb 2017 – Sep 2019

Languages

Hebrew (Native), English (Professional Working Proficiency)