

# Adar Katzir

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**Full Stack Software Engineer (B.Sc.) with a proven track record of designing and deploying high-performance web and mobile applications. Experienced in building scalable, data-driven systems from scratch, including community platforms and B2B solutions. Highly proficient in modern tech stacks (React, Node.js, Next.js, React Native) and native mobile development (SwiftUI, Jetpack Compose). Expert in leveraging AI-driven development workflows to accelerate delivery and ensure clean, maintainable architecture.**

## TECH STACK

**Languages:** JavaScript (ES6+), TypeScript, Python, C++, Java, Kotlin, Swift.

**Frontend:** React, Next.js, React Native, SwiftUI, Jetpack Compose, Tailwind CSS.

**Backend:** Node.js, Express.js, REST API, Firebase, NextAuth.

**Databases:** MongoDB, MySQL (SQL), NoSQL, Redis (Caching/Queues).

**Tools & Platforms:** Git, GitHub, Docker, AWS (EKS/S3), Firebase, Figma, Claude Code.

**Concepts:** Scalable Architecture, CI/CD, AI-Assisted Development, OOP, Design Patterns, Responsive UI.

## PROFESSIONAL EXPERIENCE

### 2024–Present | Freelance Software Engineer

- **Full-Cycle Development:** Providing end-to-end software solutions, from architectural design to deployment of production-ready web and mobile applications.
- **Scalable Architectures:** Translating complex business needs into robust technical systems, including database schema optimization, UI/UX design, and cloud integration.
- **Process Automation:** Engineering custom Python scripts to automate business workflows and data processing, driving operational efficiency

### Key Projects:

#### Sabres – Israeli Community Platform (USA)

- Developed a comprehensive Full-stack platform for community networking and marketplace services.
- Designed a scalable system using Next.js and Node.js, implementing complex filtering and real-time content management.
- **Tech:** Next.js, TypeScript, Node.js, MongoDB, AWS.

#### Sof Maaser – Charity & Logistics Management System

- Developed an automated platform connecting food donors with charities to reduce waste and manage logistics.
- Implemented a dual-interface mobile app with real-time push notifications and cloud-based data synchronization.
- **Tech:** React Native, Node.js, Firebase, REST API.

#### Mendel Toast – E-commerce & Delivery Platform

- Built a complete digital business infrastructure including a customer ordering interface and an advanced Admin Dashboard for inventory and sales analytics.
- Engineered the entire flow from order placement to delivery tracking using React and Node.js.
- **Tech:** React, Node.js, Express, MongoDB, Tailwind CSS.

#### Coolz – B2B IoT Management (Collaborative Project)

- Collaborated in a development team to build a cross-platform (Android/iOS) solution for commercial refrigerator monitoring.
- Integrated Firebase for real-time sensor alerts and developed responsive mobile UIs.
- **Tech:** SwiftUI, Jetpack Compose, Kotlin, Node.js, Firebase.

## EDUCATION

- **B.Sc. in Software Engineering**, SCE College of Engineering | DevOps track | GPA: 80 | Graduated 2024

## MILITARY SERVICE

**Logistics Specialist** -Responsible for inventory and logistics operations in a fast-paced environment.

**LANGUAGES** Hebrew – Native | English – Professional Proficiency