IDAN SHALOM

Full-Stack Engineer

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Full Stack Engineer with experience designing **scalable** and **maintainable systems**. Skilled in **authentication**, **monetization infrastructure, deep linking**, and **cloud deployment**. Proficient in building robust, production-grade architectures and leveraging **AI-assisted development** (Cursor, Claude Code) for planning, refactoring, and implementation.

EXPERIENCE

Singit – Full Stack Engineer   2025 - Present
- Consolidated a **fragmented user management** system into a **unified CRUD API**, establishing a single source of truth and eliminating inconsistent business logic.
- Designed and implemented **Profiles & Segmentation architecture** (freemium/trial/paid/B2B), formalizing user state transitions, feature gating, and access control for maintainable growth.
- Re-architected **JWT authentication** lifecycle, reducing redundant API calls by ~65% and lowering server load while improving reliability.
- Redesigned the **payment flow** using dynamic **RevenueCat Paywalls**, enabling configurable campaigns and experimentation with minimal backend changes.
- Developed a race-condition-safe **deep link infrastructure** integrated with remote UI configuration, supporting safe feature launches without app or backend deployments.
- Built a **remote-triggered, localized UI system** (modals, headers, custom HTML elements) configurable by country, device, and user profile, enabling maintainable dynamic UI updates.
- **Owned end-to-end** architecture across **authentication**, **segmentation**, **deep linking**, and **monetization systems**, improving maintainability, scalability, and team velocity for production deployments.
- Architected, designed, and implemented features using **AI-native development workflows** (Cursor, Claude Code), leveraging **MCP servers** connected to Figma, ClickUp, and Sentry to streamline context retrieval, error analysis, implementation planning, and cross-layer refactoring across large-scale, production-grade mobile and backend systems.

EDUCATION

B.Sc - Computer Science | The Academic College of Tel Aviv – Yafo   2021 - 2024
- GPA: 87 | Vice President's & Dean's Honors Lists

PERSONAL PROJECTS

Sympoll - Polls Web Application
- Designed and deployed containerized services on Kubernetes with automated CI/CD pipelines, focusing on scalability and service isolation.

Predictions - Simulations Desktop Application
- Built a concurrent simulation system with a JavaFX interface, applying OOP architecture and design patterns to model dynamic environmental scenarios.

PROGRAMMING SKILLS

- **Frontend:** React Native | React | Next.js | Angular | Expo
- **Backend:** Node.js | Express.js | REST APIs
- **Programming Languages:** TypeScript | Java | C | C++ | Python
- **Infrastructure:** AWS | Docker | CI/CD | Kubernetes
- **Databases:** PostgreSQL | MongoDB | SQL
- **AI-Assisted Development:** Cursor | Claude Code (architecture planning, refactoring, code generation)
- Other: JWT | RevenueCat | Stripe

Languages

Hebrew - Native Language   English - Professional Proficiency