OFIR AVIRAM

Solutions Architect | AI-Assisted Full Stack Development
15+ years designing, specifying and building information systems

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PROFESSIONAL SUMMARY

Solutions Architect with experience in enterprise information systems across finance, healthcare, transportation and technology, and a B.Sc. in Industrial Engineering and Management.

Combines business understanding, software architecture, data models and integrations with hands-on full-stack development: designing and building complex systems end to end, from the business need to production.

Uses Generative AI as a tool for leading software development efficiently and independently, on top of years of architectural experience: a mobile app, management systems and websites built in practice.

CORE EXPERTISE

SOLUTION ARCHITECTURE: System Design, Database Architecture, API Integration, UX/UI Design, Business Process Automation, Security and Access Control

AI-ASSISTED DEVELOPMENT AND FULL STACK: Claude, ChatGPT, TypeScript, React Native, Expo, Node.js, Deno, Supabase, PostgreSQL, Edge Functions, Row Level Security (RLS)

ENTERPRISE SYSTEMS: Microsoft SQL Server, Azure SQL, ETL, IAM and IDM, Systems Analysis, HLD and DD, Integration Design, Salesforce, Priority ERP, Workato, UAT

INDEPENDENT EXPERIENCE

FULL STACK SYSTEMS AND APPLICATIONS BUILT WITH GENERATIVE AI — 2026 - Present

FLOA | Independent

- Own the whole cycle of each project: requirements, system and data design, UX and development. Generative AI, mainly Claude, is the main development tool. Responsibility for quality control, testing and release
- Once, a social mobile app for Android and iOS (React Native, Expo, TypeScript, Supabase, PostgreSQL, Edge Functions): location-based matching and detection of nearby users, real-time communication, chat, groups, a credit system, and a permission model enforced in the database with Row Level Security. Submission to the app stores
- Participants management system for several businesses, each isolated at the database level (multi-tenant, Row Level Security): participants, sessions, payments and subscriptions, an admin interface, a personal area for participants, email and WhatsApp communication, and a public API with keys and signed webhooks for external websites
- A chords and songs app: song index, a page per song and an editor, Google sign-in, reading songs from images with the Claude API, and pre-built song pages for organic search
- Conversion-focused websites and landing pages integrated with paid advertising on Meta and Google Ads: sign-up forms, lead creation, source tracking and campaign measurement

PROFESSIONAL EXPERIENCE

SENIOR SYSTEMS ANALYST | WEB APPLICATIONS AND CORE SYSTEM INTERFACES — 2025 - 2026

Tidhar Group | Israel | Hybrid

- Responsible for the technical solution and delivery of cross-system business processes and automations across Priority ERP, Salesforce and Workato, from the business requirement through to production
- Designed the integrations between the core systems: data mapping, business logic, validations, interfaces and APIs, with data models and scheduled SQL and ETL processes
- Worked on the TQA quality management system, in an Azure SQL environment and in workflows that spanned enterprise systems and development tools
- Worked with business owners, IT teams, developers and vendors through specification, testing and implementation

SENIOR SYSTEMS ANALYST | WEB PORTALS AND CORE IDENTITY SYSTEMS
2021 - 2025

Brillix | Israel | Remote

- Responsible for the solution design and implementation of Web-based core Identity Management systems at Clalit Health Services, Migdal, Ayalon and LivePerson
- Designed the solution end to end: identity processes, the interfaces and data transformations between the portal and the core systems, data structures and ETL and synchronization processes
- Led delivery from requirements to implementation across cybersecurity, DevOps, DBA, infrastructure, IT and business teams, through acceptance testing and production support

SYSTEMS ANALYST | WEB SOLUTION, UX AND UI FLOWS
2020 - 2021

Tel Aviv-Yafo Municipality

- Led the design of a Web solution connecting municipal departments and automating cross-organizational processes, with user journeys, UX and UI flows and the data structures behind them
- Designed SQL and SSIS interfaces and worked with users, development, DBA and QA through acceptance testing

SYSTEMS ANALYST | CORE IDENTITY SYSTEMS
2017 - 2020

Amdocs | Israel

- Specified the organization's core Identity Management systems, from business and information-security requirements through to processes, interfaces and integrations
- Designed system processes, data flows and data structures, and guided a Java and JSP Web development team through implementation and production delivery

SYSTEMS ANALYST AND IMPLEMENTATION CONSULTANT | CORE IDENTITY PLATFORMS
2014 - 2017

ProLink Identity Management Architects | Israel

- Owned the application-layer design and implementation of the Aveksa IAM and Identity Governance platform at Harel, Migdal, Phoenix and Amdocs
- Built business logic, workflows, approval processes, data mappings and synchronization processes, and the integrations to enterprise systems, databases and directory services

SYSTEMS AND DATA ANALYST | CORE BILLING SYSTEMS
2008 - 2014

Varonis | Israel

- Specified and developed a core enterprise billing system on Microsoft SQL Server, Microsoft Access and VBA
- Turned business questions into SQL queries, reports and automations, working directly with finance and operations

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EDUCATION AND SERVICE

PRODUCT MANAGEMENT PROGRAM
Product Experts | 2021

B.SC. INDUSTRIAL ENGINEERING AND MANAGEMENT
Information Systems Specialization
Ben-Gurion University of the Negev | 2004 - 2008

COMBAT SOLDIER AND COMMANDER
Combat Engineering Corps | 1999 - 2002