

SHLOMO RADAY

FULL STACK ENGINEER

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SUMMARY

Full Stack Engineer with 4+ years of experience building reliable backend services, distributed systems and data-driven web platforms. Back end in Node.js, NestJS, Python (FastAPI) and PostgreSQL, front end in React and Next.js. Experienced with multi-tenant architecture, event-driven pipelines, and AI agents and MCP servers on AWS and Docker.

PROFESSIONAL EXPERIENCE

Full Stack Engineer | Bardoogi Consulting (Fintech) | 2024 – 2026

- Built multi-tenant back-end services in Node.js (NestJS), TypeScript and Python (FastAPI) with PostgreSQL on AWS, for a platform shared by 7 to 10 brands, in a team of 2 to 4 engineers.
- Implemented application-level tenant isolation using NestJS guards and TypeORM repository scoping by brand ID.
- Processed events asynchronously through background queues, with payloads carrying brand context for correct third-party routing.
- Developed internal business tools, operational dashboards and dynamic workflow engines, plus static funnels and third-party integrations for client platforms.
- Planned and built workflows for automated distribution pipelines, and integrated generative AI workflows and MCP (Model Context Protocol) servers with custom LLM agent pipelines for client operations.
- Engineered responsive applications in React, Next.js and TypeScript, and shipped them with containerized deployments and CI/CD pipelines in rapid Agile cycles.

Full Stack Engineer | Fundit.io (Fintech, Google Startup Growth Lab cohort) | 2022 – 2024

- Developed core services for an automated fintech SMB lending platform on a monolithic NestJS and TypeScript core, containerized with Docker and running on AWS.
- Designed asynchronous event-driven pipelines with RabbitMQ and NestJS that reduced loan processing latency and handled concurrent financial workflows.
- Built multi-step SMB qualification funnels in Next.js and React with client-side validation from dynamic Zod schemas, persisting application entities with NestJS and TypeORM on PostgreSQL.
- Implemented partial draft persistence so applicants can save and resume a multi-step form without incomplete steps failing strict validation.
- Engineered dashboards, client-facing interfaces and internal tools in React, Next.js and Tailwind CSS for loan origination and real-time portfolio tracking, plus a referral-based monetization pipeline.
- Structured relational database schemas with PostgreSQL, MySQL and TypeORM, optimizing query execution, transactions and reliable data migrations.

TECHNICAL SKILLS

Languages & Core: TypeScript, JavaScript (ES6+), Python, SQL

Frontend: React.js, Next.js, Tailwind CSS, HTML5/CSS3, State Management, Responsive Design

Backend: Node.js, NestJS, FastAPI, RESTful APIs, Event-Driven Architecture (RabbitMQ)

Databases & Storage: PostgreSQL, MySQL, Redis, TypeORM

Cloud, DevOps & Security: AWS, Docker, CI/CD, Kubernetes fundamentals, Git/GitHub

AI & Automation: MCP Servers, LLM APIs, AI Agents & Workflows, Cursor, Claude Code, Spec-Driven Development, Make (workflow orchestration)

EDUCATION

Practical Engineers College - Software & Cybersecurity Engineering

Coursework: OS internals, network security, secure software design, systems programming.

LANGUAGES

Hebrew: First language (Native) | **English:** Professional Working Proficiency