Omri Ashkenazi

Full-Stack & AI Engineer

Experience

Full-Stack Engineer @ Zoom REI
2024 - Present

> Developing and integrating custom **AI Agents** and **automation pipelines** for internal company workflows, using LLMs to optimize business efficiency and reduce manual tasks.

> Built and deployed a production-ready **Next.js web application** serving **~3000+ unique daily users,** containerized with Docker and deployed using modern orchestration and CI/CD best practices.

> Consolidated 10+ legacy sites into a unified platform, achieving **99.9% uptime** and **improving page load speeds by 35%** through infrastructure optimization and monitoring.

> Developed **100+ custom dynamic modules and plugins (PHP/JavaScript)**, enabling content teams to independently manage site updates and reducing developer dependency for routine tasks.

Freelance Web Developer
2022 - 2024

> Delivered custom full-stack solutions **(React, Next.js, Node.js)** for diverse clients, handling the full lifecycle from architecture to deployment.

> Specialized in **performance optimization, SEO,** and scalable **database design** for data-driven applications.

Contributor @ Amplication
2022 - 2023

> Contributed actively to the **open-source** frontend codebase **(React.js, TypeScript)**, collaborating with the core team to implement user-facing features and improve code reliability.

Skills / Tech

Full-Stack
React.js
Next.js
Tailwind
Zustand
Node.js
Nest.js
GraphQL
REST APIs
PostgreSQL
MongoDB
Redis
Prisma

Languages
JavaScript
TypeScript
Python
PHP

AI/ML
AI Agents
RAG Systems
PyTorch
LangChain
LangGraph

DevOps
Docker
Docker Swarm
CI/CD
Linux
Nginx
Cloudflare

Tooling
Git
Jest
Playwright
Storybook

Summary

Full-Stack & AI Engineer bridging production-grade web development with emerging AI/ML capabilities. Experienced in building scalable Next.js applications and architecting sophisticated AI pipelines (RAG, Agents). Proven capability in deploying containerized solutions and integrating Deep Learning models into user-facing products. Focused on delivering reliable, high-performance software.

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