

Tomer Hanochi

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PROFILE

Software Engineer with 5+ years of experience developing scalable backend systems, cloud-native infrastructure, and high-performance AI/LLM applications.

WORK EXPERIENCE

Backend Engineer

Dec 2025 — Present

Visual Layer (Acquired by Camtek)

Tel Aviv, Israel

- Partnered with the research team to extend the production retrieval system from single-vector to multi-vector search, enabling combined text-and-image queries with positive and negative exemplars.
- Designed and built an air-gapped agentic workflow system based on langgraph, with local models served via llama.cpp.

DevOps & Platform Engineer

Aug 2023 — Nov 2025

IDF - Matzov

Rishon Lezion, Israel

- Developed custom Python Ansible modules and plugins to enable fully end-to-end automated infrastructure provisioning.
- Deployed and maintained 20+ OpenShift & K8S clusters, using GitOps principles with ArgoCD.
- Architected Splunk-as-a-Service platform delivering isolated multi-site and highly available clusters to numerous external clients.

Junior Software Engineer

Jun 2021 — Feb 2023

Seemplicity Security

Tel Aviv, Israel

- Developed Python-based backend services and APIs on cloud platforms, implementing distributed system components for high-scale production environments.
- Created internal developer tooling enabling selective microservice execution for local debugging, later integrated into CI/CD pipeline for automated end to end tests.

ACHIEVEMENTS

Certificate of Excellence, IDF - Matzov

May 2025

- Due to outstanding technical contributions and platform engineering achievements.

PERSONAL PROJECTS

libsubid

github.com/tomerhanochi/libsubid

Built Rust-based dynamic library to automatically assign subuid/subgid ranges to non-root users, solving manual subuid/subgid assignment for rootless containerized environments.

SKILLS

- Programming - Python, Go, Rust, Bash
- AI & LLMs - Large Language Models (LLMs), LangGraph, llama.cpp, Multi-Vector Search
- Backend - REST, gRPC, GraphQL, Microservices
- Infrastructure - AWS (EC2, EKS, Lambda), Docker, Kubernetes, Linux, Git, CI/CD
- Databases - PostgreSQL (pgvector), MySQL, Redis
- Observability - Prometheus, Grafana, OpenTelemetry, Elasticsearch
- Authn/Authz - OAuth 2.0, OIDC, Keycloak, OpenFGA
- Networking - TCP/UDP, HTTP/HTTPS, DNS