

AVIEL HAHAM

Full Stack Software Engineer

PROFESSIONAL SUMMARY

Full Stack Software Engineer and Mamram (Lotem) alumnus with experience building large-scale, zero-to-one, mission-critical systems in high-security environments. Approximately 3 years of hands-on full-stack experience, combining modern frontend development (Angular 16/14, React, Next.js) with backend and platform engineering (Node.js, Express, NestJS). Strong background in system design, cloud-native architectures, networking, operating system internals, and cybersecurity.

WORK EXPERIENCE

MAMRAM – LOTEM UNIT, Israel Defense Forces 07/2023 – 02/2026

Software Engineer (Full Stack Developer)

- Designed, developed, and maintained end-to-end full-stack systems in high-security, high-reliability environments, used across the IDF.
- Developed scalable frontend applications using **Angular 16/14, React, and Next.js** with an emphasis on clean component architecture and performance.
- Built backend services using **Node.js, Express, NestJS, and Python**, applying clean architecture and ORMs (Sequelize, TypeORM).
- Designed and implemented cloud-native microservices, containerized with **Docker** and deployed on **Kubernetes/OpenShift**.
- Operated **CNAPP** (Cloud-Native Application Protection Platform) capabilities, focusing on secure-by-design development and runtime protection.
- Worked extensively with **Azure Cloud**, managing secure service communication and cloud-native networking.
- Architected data models across **PostgreSQL, SQL, Neo4j, MongoDB, and Redis**.
- Implemented CI/CD pipelines with Git-based workflows and automated builds/tests.
- Applied deep understanding of **Linux/Windows internals** and networking protocols for secure system behavior.
- Collaborated with architects and stakeholders on technical decision-making and system design discussions.

CONTACT

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avielhaham.dev

LinkedIn Profile

SKILLS

Languages

- TypeScript, JavaScript
- Python

Frontend & Backend

- Angular 16/14, React, Next.js
- Node.js, Express, NestJS
- RESTful APIs

Infrastructure

- Docker, Kubernetes (K8s)
- OpenShift, Azure Cloud
- CI/CD & DevOps

Data & Security

- PostgreSQL, SQL, NoSQL
- MongoDB, Neo4j, Redis
- CNAPP, Cybersecurity
- Networking Protocols

Soft Skills

- Team Collaboration
- Problem-Solving
- Adaptability

ALUMNI

Mamram (Lotem)

Elite IDF technology unit alumni network.