

Amir Lichter

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Professional Summary

Full Stack Engineer with 7+ years leading complex technology projects in high-impact environments. Strong background in system architecture, cybersecurity, and UAV technologies. Known for delivering scalable solutions, aligning cross-functional teams, and driving products from vision to deployment. Passionate about building impactful products and solving real-world problems through technology.

Experience

Software Engineer | Intelligence Corps & Prime Minister's Office | 2023- Present

- Engineering UAV projects using Python, C#, Mission Planner and GIS PRO.
- Developed Python-based simulations to support in-depth technological research and analysis, enabling accurate modeling of complex systems and data-driven decision-making.
- Led the end-to-end product lifecycle of complex technology projects.

Cyber Security Engineer | OFEK 324 IAF | 2021- 2023

- Deep analysis of network traffic using Scapy, Wireshark and Big Data Tools.
- Leading a research team of operating systems and CISCO Devices.
- **played a significant part in a project that won an Israeli Security Award.**

Full Stack Engineer | OFEK 324 IAF | 2018 - 2021

- Software engineer in a real-time, mission critical command and control web application
- Full responsibility of project lifecycle – Development, Design, Architecture, infrastructure, DevOps, Testing and Maintenance.
- Redesigned and optimized the frontend architecture using Angular 8, RxJS, NgRx, and Cesium.
- Designed and developed backend services additionally, implemented robust user request handling and authentication services using Node.js, GraphQL, and MongoDB.
- Implementing DevOps projects using Docker, CI/CD with Atlassian Bamboo and Openshift as the orchestrator.

Main Skills & Technologies

Frontend Development: Angular, RxJS, NgRx, Cesium.

Backend Development: Node.js, Express, Python, C#, GraphQL, MongoDB.

DevOps & Infrastructure: Docker, CI/CD (Bamboo), OpenShift.

Tools & Platforms: GIS Pro, Mission Planner, Wireshark, Scapy.

Soft Skills: Leadership, communication, ownership mindset, cross-functional collaboration.

Education

2021-2023

M.A in Middle Eastern Studies, Bar-Ilan University

2015-2018

B.A in Computer Science, Bar-Ilan University