

Liav Yona

Engineering Team Lead | Software Engineer

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SUMMARY

Experienced Software Developer with a proven track record in both the military and tech sectors. A self-driven learner, adept at thriving in high-pressure projects. A Passionate tech blogger and a frequent speaker at conferences, motivated to expand horizons.

EXPERIENCE

Firefly, Tel Aviv, IL — Engineering Team Lead | Founding Engineer

May 2021 - PRESENT

Working on a cloud Asset Management solution that enables DevOps, SRE, and Cloud Platform teams to rediscover their entire cloud footprint, understand which parts of it are codified vs unmanaged, detect drifts to prevent service failures, classify assets using Policy-as-Code, and manage a single inventory of all their cloud resources across Multi-Cloud, and Kubernetes clusters. From idea to product - Played a key role in system design, event-driven architectures, crafting a scalable and highly available infrastructure, microservices development from scratch and code implementation of the application.

Led an engineering team for 2 years. Has been pivotal in fostering successful process overhauls, optimizing the development and recruitment processes, implementing agile and SCRUM methodologies and ensuring effective sprint designs within the team of up to 12 developers. Maintained day-to-day product communication and liaised with customers, further enhancing the product's impact and customer satisfaction. Additionally, was responsible for overseeing large-scale production systems and contributing to the company's growth and success.

Stack: Golang, AWS, Kubernetes, Python, OPA, REST, gRPC, Elasticsearch, Google Cloud, Terraform.

CyberArk, Petah Tiqwa, IL — Software Engineer

Jun 2020 - May 2021

Working on an OSS application named Conjur that manages identity for users and machines and controls access to target resources using RBAC. Design and develop microservices environment from scratch that manages tenants' application environments on EKS cloud Kubernetes cluster.

Stack: Java, Spring, Ruby, Docker, Kubernetes, AWS, Python, PostgreSQL.

Unit 8200, Israeli Intelligence Corps — R&D Engineer | Engineering Team Lead

Oct 2015 - Jun 2020

Designed and developed a smart VPN application which implements a router's functionalities for operational needs. Worked with and have a deep understanding of numerous networking tools and protocols such as: TCP, UDP, ICMP, MPTCP, SSH, OpenVPN, HTTP, HTTPS, SSL, Linux Network namespaces, IPVSADM, Iptables etc. Both in user and kernel space.

Designed and developed a Python library which automates usage of Android mobile devices for operational needs for multiple vendors. Built and designed native Android libraries to extend and supply privileged capabilities. Researched Android internals and security issues such as Defex, RKP, Factory reset and more to understand the attack vector.

Led a R&D team of 4 developers for 10 months.. Substantially increased the number of daily active users by tailoring the application's capabilities to the client's needs. Overhauled the team development process and led sprint designs.

Stack: Python, Java, C, C++, adb, Linux basics and Internals, Networks Internals, Splunk, MongoDB, Bash Scripting.

AWARDS

- Apollo Elite Course (Unit 8200)
- Certified Kubernetes Administrator
- KubeCon EU 23 Speaker

SKILLS

- Software Development
- System Design
- Cloud Applications
- Team Leadership

LANGUAGES

- Hebrew - Native
- English - Fluent
- Spanish - Intermediate