ELIRAN AVIHEN

DEVOPS ENGINEER

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DevOps Engineer with a B.Sc. in Software Engineering and experience developing internal tooling and services, automating CI/CD workflows, and maintaining cloud and on-premises infrastructure. Hands-on experience with Python, AWS, Kubernetes, infrastructure as code, and GitOps, supporting development teams across build, test, and release workflows. Additional experience in team leadership, development operations, recruitment, and onboarding.

TECHNICAL SKILLS

Cloud & containers

AWS, Kubernetes (EKS), ECS, Docker, RDS, S3, CloudFront

IaC & configuration

OpenTofu, Ansible

CI/CD & GitOps

Jenkins, Argo CD, Helm, GitHub

Programming & scripting

Python, Bash, Groovy, Java, C#

Systems

Linux, Debian, Windows

Monitoring & observability

Prometheus, Grafana, Thanos

Security & dependencies

Trivy, SBOM analysis, package-approval workflows

Test automation

Selenium, Playwright, Appium

AI development tools

GitHub Copilot, Claude Code

EDUCATION

B.Sc. in Software Engineering

SCE

Oct 2008 - Jun 2011

LANGUAGES

Hebrew | Native

English | Advanced

EXPERIENCE

DevOps Engineer

Oct 2024 - Present

Harmonic | Caesarea, Israel

- Rebuilt Python test orchestration for CI, automating environment allocation and API-triggered pytest runs for feature and release branches.
- Deploy AWS EKS services with OpenTofu, Helm, and Argo CD; monitor with Prometheus, Grafana, and Thanos.
- Extended Trivy scanning with SBOM license checks against Legal approval data and a web interface for managing approvals.
- Maintain Debian build and release infrastructure for 130+ R&D engineers, including Jenkins, Ansible, and on-call support.

DevOps Engineer

Jan 2020 - Sep 2024

Global travel agency | Tiberias, Israel

Automation Engineer (Jan 2020); Automation Team Lead (Apr 2020)
DevOps & Automation: Sep 2021 - Sep 2024

- Sole DevOps engineer for both development teams, owning AWS and on-premises Windows infrastructure and cloud access.
- Built AWS infrastructure from scratch for a microservices travel website and Strapi CRM using ECS, RDS, S3, and CloudFront.
- Built Jenkins/Groovy pipelines and GitOps workflows; integrated Java test automation using Selenium and Playwright.
- Oversaw development operations for approximately one year from Sep 2021, handling team coordination, conflict resolution, progress tracking, and Scrum ceremonies.
- Administered Atlassian Jira, Bitbucket, and Confluence; supported recruitment and onboarding alongside DevOps and automation.

Automation Engineer

Dec 2015 - Dec 2019

Synerion | Petah Tikva, Israel

- Developed C# web and mobile test automation with Selenium and Appium, and implemented CI/CD pipelines.

Technical Support Engineer

Dec 2014 - Dec 2015

Synerion | Tel Aviv, Israel

Web Developer

Aug 2012 - Feb 2014

Diamonds International | Cozumel, Mexico

- Developed internal .NET web applications for sales operations.