

Snir Kapah

DevOps Engineer

A team player, great communications skills, and a get-things-done attitude



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SKILLS

Operating Systems: Linux,
Windows Server

Programming & Scripting
Languages: Python, Bash

Configuration
Management: Ansible,
Helm, Terraform

Source Code Management:
Git, Github

Containerization &
Virtualization: VMware,
Kubernetes, Docker

Databases: MySQL

Cloud Computing: AWS

CI /CD Tools: Jenkins

Monitoring: Prometheus,
Grafana

LANGUAGES

Hebrew

Native or Bilingual Proficiency

English

Full Professional Proficiency

INTERESTS

GYM

Surfing

Music

Tech

WORK EXPERIENCE

DevOps Engineer Intern

Real Time Group - Software Solutions

03/2023 - Present

Multi-disciplinary dynamic and innovative training, development, and outsourcing solution center, established in 2007

Achievements

- Development in Groovy and Jenkins APIs
- Experience with Linux/Unix OS
- Automation and software programming
- Experience with Docker, K8s & Helm
- Worked with Kamatera cloud infrastructure

DevOps Course Instructor

Real Time College

10/2023 - Present

Achievements

- As a DevOps Course Instructor, designed drills and exercises to create a deeper understanding of Linux OS and monitoring (Grafana and Prometheus), Cloud with AWS, CI CD concepts with Jenkins, RESTful API development.
- Helped to build Real Time College DevOps course including presentations and secure lab environments for students.
- Trained 100+ DevOps Engineers with more than 50 professional lecturing hours.

PERSONAL PROJECTS

Terraform

- Used Terraform to deploy a secure and scalable AWS software architecture for building and maintaining applications. The architecture follows a widely-adopted software architecture pattern for hosting such applications, it is composed of various AWS services such as Route 53 for DNS, CloudFront for content distribution, and an Application Load Balancer to manage incoming traffic.
- <https://github.com/snirkap/terraform.project>

CI/CD Infrastructure

- Developed an automated infrastructure for developers to automate the testing and deployment of Docker containerized applications to local Kubernetes infrastructure using GitHub as SCM and Webhooks for triggering complementing Jenkins pipelines that were responsible for the CI & deployment process in order to increase productivity and quality of the development procedure.
- <https://github.com/snirkap/jenkins.project>

Monitoring

- Designed and implemented a sophisticated monitoring system for a Kubernetes cluster using Prometheus and Grafana, complete with multiple custom dashboards. This setup significantly improved performance tracking and system reliability, aiding in informed operational decision-making.
- <https://github.com/snirkap/grafana>

EDUCATION

DevOps course at Real Time College (10/2022 - 03/2023)

Began my journey as a DevOps engineer at Real Time College

Electrical engineer at ort "adivi" college, Ashkelon (09/2019 - 06/2021)

Theory of electricity, power systems, electronics systems, control systems and techniques

Full Matriculation at ort "ironi A", Ashkelon (09/2016 - 06/2019)

Studied Graphic Design & Environment studies