

# Yinon Mitin - DevOps

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📍 Location: Tel-Aviv, IL

## Summary

DevOps engineer with hands-on experience in **Linux, containerization, networking, CI/CD, and observability**. Built and operated Docker-based services, automated scheduled workloads, and implemented **monitoring/alerting**. Passionate about automation and building reliable systems.

## Experience

Automation Engineer	Padani Jewelers (e-com)	(2022-2026)
<ul style="list-style-type: none"><li>Drove the Magento -&gt; Shopify <b>data migration</b> for 500+ SKUs by automating data processing and batch import workflows; reduced end-to-end catalog deployment time by <b>~60%</b>.</li><li>Built and maintained an automated Python-based <b>ETL pipeline</b> to extract, normalize and transform product data into Shopify-ready imports (Matrixify-compatible); reduced manual effort and import failures by improving data quality via schema validation.</li><li>Automated bulk asset collection via custom-built scrapper for product imagery collection from vendor/brand websites, enforcing naming rules and SKU-level mappings, and assembling packages for bulk upload.</li><li>Deployed new product discovery as <b>Dockerized scheduled jobs</b> on an internal Linux server (cron), using <b>SQLite</b> for state/delta detection to generate import-ready datasets automatically. Implemented <b>GitLab CI/CD</b> pipelines; integrated <b>observability</b> via Prometheus and Grafana for structured <b>logging</b>.</li></ul>		

## Projects

### HomeLab / Self-Hosted Infrastructure

- Designed and operated a home lab focused on storage **reliability** with secure remote access and self-hosted network services, including a NAS with an 8-disk mirrored layout and daily **mirroring/replication** to reduce data-loss risk.
- Deployed core networking services on a Linux host, including ad-blocking **DNS filtering** and **VPN**-based access (WireGuard/Tailscale) for remote connectivity.
- Operated a dedicated **data distribution service** with stable uptime and high availability.

### Yandex Cloud: Microservices Platform on Kubernetes

- Deployed a microservices app to Yandex Cloud managed **Kubernetes**.
- Provisioned infrastructure via **Terraform** and deployed releases with **Helm**.
- Implemented **GitLab CI/CD** pipeline for building & pushing images to **registry** and deploying to **K8s** via **Helm/kubectl**.

### VPS: Connectivity & Services Platform (Docker)

- Built and maintained a VPS-based platform running **dockerized services** (VPN access, DNS filtering, reverse proxy, Telegram bots), providing secure remote access for **40+ active users**.
- Implemented **reverse proxying** and **traffic routing** via HAProxy and deployed multiple VPN-services (WireGuard/Tailscale/Outline/Hiddify) to support different clients and connectivity scenarios.
- Set up monitoring **dashboards, metrics and alerting** (Prometheus, Grafana, Alertmanager), with notifications and basic operational control via **Telegram bots**; maintained approximately **99% uptime** over the last year.

## Education

2017 - 2020: **Computer Science** | LIT

2017 - 2020: **Software Engineering** | Yandex University

## Languages

English - C1 | Russian - Native | Hebrew - A2

## Skills

Kubernetes | Git | CI/CD | Docker | Terraform | Helm | Infrastructure as Code (IaC) | Prometheus | Grafana | Linux | Bash | Python | TCP/IP | DNS | Redis | Nginx | Clouds: AWS, GCP, YC