

JONATHAN SHOMER

DevOps Engineer | Cloud Infrastructure | CI/CD Automation

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CERTIFICATIONS & EDUCATION

AWS Certified Solutions Architect - Associate | Amazon Web Services

Red Hat Certified System Administrator (RHCSA) | Red Hat

DevOps Engineering Program | *ORT Israel* | 2024

Languages: Hebrew (Native) | English (Fluent)

PROFILE

DevOps Engineer with hands-on experience in Docker, Kubernetes, CI/CD automation, GitOps, and infrastructure as code. Strong focus on scalability, resilience, observability, and networking in cloud-native environments. AWS Certified with a background in high-stakes IDF operations. Passionate about building reliable, automated infrastructure from writing Terraform modules to shipping production Kubernetes deployments end-to-end.

TECHNICAL SKILLS

Containers & Orchestration: Docker, Kubernetes, Helm, RBAC, ConfigMaps, Secrets

Cloud & Infrastructure: AWS (VPC, EC2, S3, IAM, Networking), Terraform

CI/CD & GitOps: GitHub Actions, Argo CD, Automated provisioning

Observability & Monitoring: Prometheus, Grafana, Datadog, Logging pipelines, Incident response

Scripting & Tools: Bash, Python, JavaScript, TypeScript, Node.js, Git, Linux (RHEL, Ubuntu)

DEVOPS PROJECTS /2025

Would You Rather - End-to-End DevOps Workflow | github.com/WouldYouRatherr/WhatWouldYou | 2024

- Docker-based containerization and Kubernetes deployment with Helm, ConfigMaps, Secrets, and rolling updates.
- Full CI/CD pipeline using GitHub Actions: automated build, test, image management, and deployment.
- GitOps-based continuous delivery via Argo CD for declarative, auditable release management.
- Infrastructure-as-code with modular Terraform configurations for reproducible, cost-optimized environments.

WeTrain - Flask REST API & DevOps Pipeline | github.com/jonathanjs66/WeTrain | 2024

- Full-stack trainer scheduling app built with Flask, PostgreSQL, and SQLAlchemy, including a REST API, session overlap prevention, and role-based access control.
- Containerized with Docker using security best practices: non-root user, slim base image, IAM least-privilege, and Gunicorn for production serving.
- Multi-container orchestration via Docker Compose for scalable service isolation and environment variable management.
- GitHub Actions CI pipeline with automated testing via pytest on every push.
- Database schema versioning with Alembic migrations for reliable, reproducible environments.

MILITARY SERVICE /2016-2019

Sergeant Commander & UAV/Drone Instructor | *Israel Defense Forces (IDF) - Active Reserves*

- Led teams under pressure with full responsibility for safety, readiness, and mission execution.
- Trained personnel on technical systems and field troubleshooting in high-stakes environments.