

Omer Beit Halahmy

DevOps Engineer

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PROFESSIONAL SUMMARY

A delivery-focused and automation-driven DevOps Engineer, AWS & Red Hat certified, specializing in cloud infrastructure automation, GitOps workflows, and CI/CD pipeline design. Demonstrates the ability to architect scalable, containerized environments using Infrastructure as Code. Adept at implementing industry best practices to ensure high availability, security, and efficient delivery. A versatile problem-solver with a strong ownership mindset, ready to master new technologies and drive value within teams.

TECHNICAL SKILLS

Cloud & Infrastructure as Code: AWS (EC2, IAM, S3, VPC, EKS), Terraform, Ansible.

Containers, CI/CD & Version Control: Docker, Kubernetes, Git, GitHub Actions, Jenkins, ArgoCD.

Observability, Scripting & OS: Prometheus, Grafana, Python, Bash, Linux (RHEL).

KEY PROJECTS

ScoutFlow | NBA Analytics Platform

- **Architecture & Orchestration:** Developed a microservices app with Python (FastAPI), PostgreSQL, and an Nginx/JS frontend. Designed Helm charts for a multi-tier stack with automated ALB Ingress and scaling.
- **Cloud & IaC:** Provisioned a production AWS EKS cluster, VPC, and networking using modular Terraform.
- **CI/CD & GitOps:** Built GitHub Actions pipelines for versioned Docker images with Amazon ECR, and implemented ArgoCD for zero-downtime deployments.

OpsGuardian | Slack-Native Cloud Governance & Self-Healing Bot

- **Architecture & ChatOps:** Engineered a Slack-native AWS governance bot utilizing Python (FastAPI) and Boto3. Automated the scanning and remediation of 12+ cloud resource types via Kubernetes CronJobs and interactive UI modals.
- **Cloud & IaC:** Established a zero-secret AWS EKS and VPC infrastructure using modular Terraform and IRSA integration.
- **CI/CD & GitOps:** Configured GitHub Actions pipelines featuring OIDC auth, Pytest, and SHA-tagged ECR releases. Achieved self-healing continuous delivery via automated Helm promotion and ArgoCD.

CERTIFICATIONS

- AWS Certified Solutions Architect - Associate
- Red Hat Certified System Administrator
- Red Hat Certified Engineer

EDUCATION

Associate Degree | DevOps Engineering

2025 - 2026

- **Warriors to Hi-Tech:** Intensive technical training program at Ort College, featuring professional training at Octopus Computer Solutions with practical project execution via Project Circle, covering advanced Linux administration (RHEL), Infrastructure as Code (Terraform), and automation (Ansible/Bash).
- **System Delivery & Orchestration:** Strong practical knowledge in designing end-to-end CI/CD pipelines, monitoring scalable environments, and Kubernetes orchestration.

High School Diploma | Giv'at Shmuel High School

2019 - 2022

- Graduated with a specialization in Computer Science, focusing on C#, Object-Oriented Programming, and algorithmic thinking.

MILITARY SERVICE

Combat Squad Leader | Israel Defense Forces

2022 - 2025

- **Operational Leadership & Team Management:** Led a combat squad in high-pressure, mission-critical environments, managing personnel development and certified training programs.