# DOR KERET
## DEVOPS ENGINEER

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## TECHNICAL SKILLS

**PROGRAMMING & SCRIPTING LANGUAGES:** Bash | Python | Java | JavaScript
**CONTAINER TECHNOLOGIES:** Docker | Kubernetes | Helm
**MONITORING & OBSERVABILITY:** ElasticSearch | Kibana | Prometheus | Grafana
**CI/CD:** Jenkins | GitHub Actions | ArgoCD
**OS ADMINISTRATION:** Linux (Ubuntu, RedHat, CentOS) | Windows | MacOS
**IaC & CONFIG MANAGEMENT:** Terraform | Ansible
**CLOUD TECHNOLOGIES:** AWS | GCP    **DATABASES:** MySQL | NoSQL
**VERSION CONTROL SYSTEMS:** Git | Github | GitLab

## CERTIFICATIONS

AWS Solution Architect Associate (SAA)

## PROFESSIONAL EXPERIENCE & PROJECTS

### Devops Intern, Octopus Computer Solutions                        Jun 2024 - Sep 2024

- Gained expertise in diverse DevOps tools, methodologies, and best practices. Specialized in designing and implementing automated CI/CD pipelines, utilizing the **GitOps** framework.
- Acquired extensive hands-on experience with AWS services optimizing cloud resources for scalability and cost-efficiency as well as **Kubernetes**, **Grafana**, **Prometheus**, and **RedHat**.
- Collaborated on a product development aimed at commercial release.

### Video Streaming Service, Project                                                                                ⊕

- Created complete isolated work environments for both Development and Production using GitHub.
- Deployed an **AWS** infrastructure with **Terraform**, using a full CI/CD pipeline managed by Jenkins to automate the provisioning process integrating with AWS and another for Kubernetes deployments using Jenkins and **ArgoCD**.
- Integrated monitoring with **Prometheus** and **Grafana**, and log processing with **Elasticsearch** and **Kibana**.

### MongoDB Replica Set and GKE on GCP , Project                                                    ⊕

- Deployed **MongoDB** replica set and a **GKE** cluster, each hosted on private subnets within a shared VPC using **Terraform**. Created a **Node.js** application and deployed on **k8s.** Integrated an **Nginx** Ingress with a **Cloud Load Balancer** accepting both **HTTP** and **HTTPS**.
- Integrated **ArgoCD** to implement **GitOps** best practices

### Telegram Bot with AWS Infrastructure, Project                                                    ⊕

- Built a Telegram bot with a REST API, integrating the YOLOv5 AI model for real-time image analysis.
- Deployed fault-tolerant **AWS** infrastructure with **Terraform** and **Docker**, utilizing **ELB, ASG ,EC2, SQS, VPC, S3, DynamoDB, Secrets Manager, and IAM.**
- Automated infrastructure and deployment with three GitHub Actions CI/CD pipelines using Ansible and AWS CLI.

### Octopus's Disko Image Management, Open Source Project                                    ⊕

- Transformed Disko's CLI to a **Next.js** web-based GUI, developed a seamless API with **Python**, and implemented CI/CD pipelines using **GitHub Actions** for both frontend and backend.
- Integrated Helm to automate the deployment of container images, streamlining the transfer between registries.

### Business Account Manager, Pelephone                                  Nov 2022 - Oct 2023

- Provided technical and customer support to a portfolio of over 80 high-ticket clients, including Google, IBM, and Intel, troubleshooting system issues. Collaborated with internal IT and engineering teams to ensure  efficient implementation of telecom solutions.

### Divisional Knowledge Manager, Home Front Command (HFC), IDF            Nov 2019 - Aug 2022

- Supervised a team of 5 soldiers and managing division-wide knowledge related to vehicles, hazardous materials, and weapons. Leveraged BI and ERP systems to optimize and maintain critical data management processes.

## EDUCATION

### Ort Singalovski College                                                                          Dec 2023 - Nov 2024

Devops Engineering and Programming

- completed a one-year DevOps course, gaining hands-on experience with Ansible, Terraform, Kubernetes, and cloud technologies like AWS, implementing multiple related projects.

## ADDITIONAL INFORMATION

- **Languages:** English - Fluent . Hebrew - Native.
- **Extracurricular Activities:** Ramat Hasharon's Strawberry Fields, Community Volunteering.