LIR CHEN

DevOps Trained | Computer Science Graduate | Aspiring DevOps Professional

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SUMMARY

Computer Science graduate (GPA: 85.94) with intensive DevOps training (1000 hours) and hands-on AWS infrastructure experience. Former IDF officer with 5 years of command experience. Specializing in AWS, Docker, Infrastructure as Code, and CI/CD automation.

PROJECTS

DevOps Infrastructure Project 🔗 GitHub

AWS • Terraform • Kubernetes (EKS) • Helm • Docker • GitHub Actions • ArgoCD • Prometheus • Grafana

Designed and deployed AWS infrastructure with Terraform and Helm (EKS, ECR, S3, RDS, ElastiCache, VPC). Built Docker image and deployed on Kubernetes. Implemented CI/CD with GitHub Actions and ArgoCD. Set up monitoring with Prometheus, Grafana, and Alertmanager. Configured ALB/NLB for load balancing.

Ansible Automation on AWS 🔗 GitHub

Ansible • AWS EC2 • Python • YAML

Automated EC2 management using Ansible playbooks with tags for dynamic configuration, service installation, version control, and scheduled restarts.

CI/CD Pipeline with Jenkins

Jenkins • Docker • AWS (EC2, ECR) • GitHub Webhooks

Built CI/CD pipeline on AWS with Jenkins and Docker, integrating GitHub webhooks for automated build, test, push to ECR, and deployment to EC2.

Python AWS CLI & GUI Tool 🔗 GitHub

Python • boto3 • AWS (EC2, S3, Route53) • IAM

Developed Python CLI with boto3 for AWS provisioning (EC2, S3, Route53) with IAM enforcement and tagging policies. Extended with full GUI for simplified resource management.

EXPERIENCE

Planning Officer – J6 & Cyber Defense Directorate, IDF
2023 - 2025
- Led workforce planning & reinforcement strategies.
- Managed SAP & Excel reports.
- Commanded 4-soldier team.

HR Officer – Soldiers & Civilian Staff, IDF
2021 - 2023
- Oversaw personnel & service path planning.
- Monitored financials & training programs.
- Commanded 3-soldier team.

HR Officer – Reserve Units, IDF
2020 - 2021
- Managed manpower for 4 reserve units, commanded 4-soldier team.

Committees Soldier, IDF
2018 - 2019
- Organized files for eligibility committees, distributed official letters and maintained records.

SKILLS

Technical Skills

DevOps, Cloud & Infrastructure

AWS (EC2, ECR, S3, RDS, VPC, Secrets Manager, Security Groups, Load Balancers; familiar with ECS, Lambda), Kubernetes, Docker, Terraform, Pulumi

CI/CD & Monitoring

GitHub Actions, Jenkins, ArgoCD, Prometheus, Grafana

Programming & Testing

Python, Java, JavaScript, TypeScript, React/React Native, Node.js, Bash, PowerShell, Jest, Playwright

Databases & Systems

MongoDB, MySQL, Linux (Red Hat, Ubuntu, CentOS), Windows, Git/GitHub

Soft Skills

Problem-Solving • Fast Learner
Collaboration • Working Under Pressure

EDUCATION

May–Sep 2025: DevOps Course
Nitzanim To Tech, Israel
Red Hat Training: System Administration I, System Administration II, Enterprise Linux Automation with Ansible, OpenShift Administration I

2022–2025: B.Sc. in Computer Science
Holon Institute of Technology (HIT), Israel
GPA: 85.94

Jun–Aug 2024: Intro to Information & Cyber Security Course
DV PLAN, Israel

Additional Military Training: Python, Intro to InfoSec & Cyber, Data Communications, Java, SQL

2016–2018: High School Diploma
Emphasis on Physics and Chemistry
5-unit Mathematics | 5-unit English

MILITARY SERVICE - IDF

2023 - 2025: Planning Officer (Captain)
2021 - 2023: HR Officer (Soldiers & Civilian)
2020 - 2021: HR Officer (Reserve Units)
2018 - 2019: Committees Soldier

LANGUAGES

Hebrew (Native) ●●●●●
English (Advanced) ●●●●○