Yacov Medina
DevOps Engineer

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About me

I'm a DevOps Engineer passionate about infrastructure management, CI/CD pipelines, and mastering automation. I'm at my best in team settings, always ready to dive into new technology.

As a native English speaker, I combine technical expertise with strong communication, making teamwork smooth and productive.

Projects

Continuous Integration with Jenkins (10/2023)

- Implemented a robust CI pipeline using Terraform and Jenkins, integrated with Nexus for artifact management and SonarQube for code analysis.
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- Post-installation setting up Jenkins plugins, configuring Nexus repositories for various dependencies, and ensuring SonarQube accessibility and configured GitHub webhooks for automatic build triggers.
- Integrated SonarQube into the CI pipeline for quality checks
- Slack integration for notifications, with proper authentication.
- Technologies and Tools: **AWS, Terraform, Jenkins, Nexus, SonarQube, Checkstyle, Sonarscanner, GitHub, Slack, Bash Scripts.**

Cloud Automation with Ansible on AWS (09/2023)

- Automated deployment of a secure and highly available Virtual Private Cloud using Ansible, using IaC principles.
- Integrated bastion host for enhanced security.
- Technologies and Tools: **AWS (EC2, ELB, IAM, VPC, Route Tables, Elastic IPs), Internet Gateway, NAT Gateways, Boto3**

Containerizing a Java application with Docker (08/2023)

- Mastered Docker to containerize a Java application, focusing on efficient resource utilization, microservices compatibility, and image-based deployment for consistent environments.
- Hands-on experience in creating and customizing Docker images, writing Dockerfiles, and managing multi-container setups using Docker Compose.
- Successfully deployed and managed the containerized application on Docker Hub, gaining practical skills in container deployment and troubleshooting.
- Technologies and Tools: **Docker, Docker Compose, Docker Hub, Vagrant**

Work Experience

Customer Success Manager, DOCTOR-clinix (2022-2023)

Collaborated with the development team to integrate customer requirements and deliver tailored solutions, led client onboarding and demos, consistently exceeding client expectations.

Education

Decoding DevOps Course, Udemy 2023

- Linux and AWS cloud platforms.
- Vagrant, Git, Jenkins, Ansible, Docker, Kubernetes.
- DevOps processes, CI/CD, and Infrastructure as Code.

Complete Python Pro Bootcamp, Udemy 2022

- python code, including Selenium Web Driver, working with RESTful APIs, Authentication and SQL databases.

Fullstack development, Netcraft Academy 2019

including JavaScript, HTML, and CSS and web development frameworks as React.

Tools & Skills

- AWS, Git and GitHub
- Jenkins, Ansible, Terraform
- Docker, Kubernetes
- CI/CD Pipeline
- Python, Bash

- **English** – Fluent (American Citizen)
- Hebrew – Fluent (mother tongue)