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.
- Setting up Jenkins plugins, configuring Nexus repositories. Using GitHub webhooks for build triggers.
- Integrated SonarQube into pipeline for quality checks
- Integrated Slack for notifications, ensuring 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.
- Gained 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 coding, including Selenium Web Driver, working with RESTful APIs, Authentication and SQL databases.

Fullstack development, Netcraft Academy (2019)

- Focused on JavaScript, HTML, CSS, and React framework.
- Completed several hands-on projects.

Tools & Skills

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

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