

Yacov Medina

DevOps Engineer

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About me

Professional with a strong commitment to technology and a dedicated work ethic. I aim to leverage my expertise in AWS infrastructure management, CI/CD pipelines, and Ansible automation to enhance automation, scalability, and operational efficiency. I value collaboration and thrive in positive work culture and growth-oriented environments. My proactive approach allows me to quickly acquire new skills and adapt to emerging technologies. As a native English speaker and American citizen, I possess fluency in both verbal and written communication, facilitating effective collaboration and clear communication within teams.

Projects

Web App Migration to AWS using IaC and Autoscaling (2023)

- automated migration using IaC, principles to optimize AWS resource usage.
- Implemented autoscaling for peak performance, managed DNS, and SSL certificates using ACM for enhanced availability and security.
- **Technologies and Tools:** AWS (EC2, ELB, Auto Scaling, S3, EFS, Route 53, IAM, ACM, EBS), Bash Scripts, Maven, MySQL, RabbitMQ, Memcached, CentOS, Ubuntu Server, IAM Roles, Amazon S3, Tomcat, AWS CLI.

CI Pipeline with Jenkins, Nexus, SonarQube, and Slack (2023)

- Implemented a robust Continuous Integration (CI) pipeline to expedite issue resolution, streamline testing cycles.
- Enhanced code quality with SonarQube integration and facilitated collaboration using Slack notifications.
- **Technologies and Tools:** Jenkins, GitHub, Checkstyle, Sonarscanner, SonarQube Server, Nexus Sonatype, Slack.

Cloud Automation with Ansible on AWS (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

Work Experience

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

- Collaborated with the development team to integrate customer requirements, ensuring effective solutions and successful client onboarding, including demos, to exceed client needs.

Education

Decoding DevOps Course, Udemy 2023

- Acquired expertise in Linux, command line tools, and AWS cloud platforms.
- Gained hands-on experience with Vagrant, version control systems, Jenkins, Ansible, Docker, Kubernetes, and scripting for automation.
- Learned DevOps processes, continuous integration, delivery, and Infrastructure as Code (IaC).
- Executed projects involving continuous integration, configuration management, and cloud automation.

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

- Git and GitHub
- Jenkins, Ansible
- AWS
- Docker, Kubernetes
- RESTful APIs
- CI/CD Pipeline
- Terraform

Programming Languages

- Python
- Bash
- JavaScript • Json & YAML

Languages

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

All My Projects

<https://myacov.github.io/>