

MOHAMMAD JAVAD EKRAMI

Devops Engineer

+989120241686

Dubai, UAE

ekrami.devops@gmail.com

github.com/mjekrami

mohammad-javad-ekrami

OBJECTIVE

Experienced DevOps and Cloud Engineer with **+5 years** in **Spain, Romania, and the UK**, proficient in **Azure, AWS**, on-premise infrastructures, **PostgreSQL, Kubernetes, Docker** and Automation. Skilled in collaborative problem-solving, **CICD Pipeline, and Python scripting**, dedicated to delivering innovative solutions and continuous learning.

SKILLS

Languages: Python, Java, Javascript, Golang

Technologies: Azure, AWS, Docker, Kubernetes, MySQL, Postgres, Grafana, Prometheus, Terraform.

EXPERIENCE

10/2023 - Present **Freelance**

Anywhere (remote)

Devops engineer

- Implemented IaC using **Terraform** to cloud-based environment **AWS**
 - Designed an ETL pipeline using **S3, Lambda, Kinesis** to ship events to **Dynamodb** and monitor them.
 - Provided connectivity to on-premise and cloud and reduced the cost of maintenance by **10%**
 - Set up and configure multi-cluster **EKS** for development, testing and production
- Terraform / AWS / S3 / Lambda / Kinesis / EKS / VPC

10/2022 - 10/2023 **VoxSolutions**

Bucharest (remote)

Devops engineer

- **Migrated from Docker swarm to Kubernetes** to implement CI/CD using **Arogo**
 - **Reduced product delivery time** with factor of **5x** by implementing continuous delivery
 - **Deployed Prometheus Federation** across 7 datacenters which **decreased debugging time in half**
 - **Automated build and deployment** using **Ansible templates** for 12 microservices
 - Effectively **set up monitoring solutions** for **Mongodb** and increased performance by **20%**
 - **Provided anomaly detection** to the traffic analysis team using multi-cluster **Elasticsearch**
 - **Optimized MySQL's** read query time by a factor of **10X**
 - **Improved analytical performance** for traffic analysis team by migrating from **Monogodb to Elasticsearch** by the factor of **54X**
- Elasticsearch / Arogo / SQL / Java / Ansible / Redis / Rabbitmq / Kafka

4/2022 - 10/2022 **Driverly-Insurance**

Cardif (remote)

Devops engineer

- **Integrated** Azure AD with Managed Azure postgres flexible server (not supported at that time)
 - **Researched** and setup log management using **Azure Workspace**
 - **Reduced** microservice Kubernetes manifest complexity with **Kustomize**
 - **Reduced deployment complexity** using **Bicep** and **ARM language** IaC
- Azure / Bicep IaC / Postgres / .Net

9/2021 - 5/2022 **UID**

Devops engineer

- Achieved **99% uptime** for Java and Python-based applications
 - Delivered highly maintainable and secure **Oracle database**
 - **Introduced high-availability and scalability** by converting monolithic application to microservice patterns
 - **Conducted researches** to mitigate security vulnerabilities
- Springboot / Python Flask / Oracle

8/2019 - 8/2021 **Nordic Defender**
Stockholm (remote)

Devops engineer

- **Enhanced network visibility** with **Grafana,Telegraf and Prometheus**
 - **Automated infrastructure provisioning** saving multiple hours of time using **Ansible and Terraform**
 - **Conducted comprehensive security hardening** for over **30 VM** instances
 - **Improve Docker container security** deployment for CTF events with **98%** uptime
 - Researched and implemented a unified monitoring solution using **Grafana and Cloudflare API** creating a single dashboard
- Grafana / React App / Telegraf / Cloudflare / Zeek / VMWare

VOLUNTARY WORK

8/2019 - 8/2021 **Pars Petrochemical Co**
Asaluye

Infrastructure Security engineer

- Yielded days of security hardening into an hour over **100 virtual machines** using Ansible
 - **Enhanced network security** by provisioning and deploying web application firewall using Modsecurity With **OWASP Core Rule Set**
 - **Provisioned monitoring solution** for more than **100 routers** using **Victoria Metrics**
- Grafana / Victoria metrics / Zeek

LANGUAGES

English - Advanced