

# MOHAMMAD JAVAD EKRAMI

Devops Engineer

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## 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 **ArogoCD**
- **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 / ArogoCD / 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

## LANGUAGES

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**English** - Advanced