



# MARYAM ISMAYILOVA

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**GitLab:** <https://gitlab.com/users/ismailova.maryam/projects>

## PROFILE SUMMARY

I am an engineer highly interested in developing DevOps culture, Site Reliability and Software Engineering. With a solid background in DevOps practices and infrastructure, I am motivated in continuously improving my programming skills to engineer better solutions. Being a proficient user of Java, and exploring new languages like Go and Python, I am skilled in administering and optimizing diverse microservices applications.

My main skill is the curiosity for technology and my ability to quickly acquire and process new information, which I delightfully employ by learning how systems are designed and work from within. Besides being a fast learner, I always apply my knowledge with great care and consideration of the risks.

In addition to my technical prowess, I communicate readily in English and am also capable of communicating in French.

## EXPERIENCE

### Senior DevOps Engineer, Azercell Telecom

**August 2020 - Present** ( Junior: Aug 2020 - Oct 2021, Middle: Oct 2021 - May 2022 )

Involved in the new nationwide Fintech product developed by Azercell in collaboration with Pasha Bank.

Responsibilities:

- Analyzed and designed on-premises application infrastructure, configuring it using IaC tools & collaborating with infrastructure teams. Consulting on the technical requirements for new business features. Optimizing current microservices stack.
- Developing CI/CD pipelines and assisting development teams to safely ship their microservices to different environments. Compiling helm charts, integrating code pipelines with devsecops tools.
- Monitoring infrastructure, databases and applications using monitoring tools (Prometheus, Grafana and Zabbix). Providing dashboards to give visibility to product's core components status.
- Implementing and optimizing log aggregation and visualization using EFK stack (Elasticsearch, Fluentd, kibana). Developing common strategy for logging with development teams,
- Installing and administering multiple Kubernetes environments. Using other 3rd party tools (OCI Registry, Kafka, K6). Automating manual tasks using scripting and playbooks.
- Responding, investigating and remediating production alerts and reported incidents. Improving the monitoring stack and applications.

### Cloud DevOps Engineer, Apprecode

**October 2021 - August 2023**

Involved in various projects including the setup of a health care and a time tracking platforms.

Responsibilities:

- Building Infrastructure in Cloud with IaC (AWS, Terraform, Terragrunt, Git) and security in mind.
- Setting up CI/CD pipelines on GitHub Actions, Bitbucket, Gitlab
- Setting up serverless static page websites with S3 and Cloudfront
- Installing and working with container orchestration tools (Kubernetes, ECS, EKS)
- Developing and configuring Helm charts, ArgoCD with GitOps approach, ALB Ingress, External secrets, Redis, Hasura, and OpenFaas, Elastic Beanstalk apps .

## Backend Development Intern at CRBN Tech

July - September 2019

Responsibilities:

- Developing Web Services using Java Spring Framework. Studying Microservices architecture. Working with MySQL and on database architecture.

## EDUCATION

L'Université de Strasbourg, France | Computer Science (FR: Informatique)

2019-2020

Erasmus+ exchange student.

Summer School, Strasbourg, France | Informatique

July 2018

Received a scholarship for participating in summer school.

French-Azerbaijani University, Baku, Azerbaijan | Computer Science

2016-2020

## CERTIFICATES

**Certified Kubernetes Administrator (CKA)** – March 2023

**DevOps Fundamentals (with Honors)**– Course by DanIT (Dec 2020 – Jul 2021)

**IELTS Academic 8.0** – English language certificate by IDP. C1 level (Sep 2023)

**DELFB2** – French language certificate (Nov 2020)

## TECHNICAL SKILLS

Programming/Tech stack:

**Java** (Spring Framework, Backend Development, maven), **Bash** scripting, **SQL** ( Oracle + PL/SQL, MySQL), **Golang** (currently learning), **Python**

OS: Linux (Ubuntu, CentOS)

DevOps :

**CI/CD**(Gitlab, Jenkins, Bitbucket, Github Actions), web servers(Nginx, apache tomcat)

**Terraform, Ansible, helm, Packer**

**Docker, Kubernetes, Image registries, Ingress**

**AWS**(EKS, ECS, Cloudfront...)

**Zabbix, Datadog, Prometheus+Grafana stack, New Relic**

**EFK stack** (Elasticsearch, Fluentd, Kibana)

## LANGUAGES

**Azerbaijani, Russian** – Native speaker

**English** – C1, **French** – B2