

# Mohammad Khalil

## DevOps Engineer

+7 987-185-30-19

github.com/Khalil19-99

@ mddd.khalil99@gmail.com

innopolis, Tatarstan



## SUMMARY

I am a 3rd-year software development student at Innopolis University, highly motivated about working and learning new technologies. Experience with AWS, Docker, Kubernetes. and I'm improving my skills to instill DevOps for the modern age.

## EDUCATION

### Computer Science

#### Innopolis University

2019 - Ongoing Innopolis, Russia

GPA

4.55 / 5.0

### Applied Science and Technologies

#### HIAST

2017 - 2019 Damascus, Syria

## EXPERIENCE

### DevOps Engineer

#### PROVECTUS

2021 - 2022 Kazan, Russia

Finishing a DevOps internship. Working with two projects of this company and I was able to manage and do the following:

- Providing autoscaling abilities for GitLab-runner helps to reduce the project build time (up to 8 mins instead of 35-40 mins)
- Replacing t2.xlarge instance running 24/7 by t3.micro one, with docker-machine excuter
- Providing Cloudformation templates for the previous tasks, and for creating gitlab-runner on an EC2 instance with docker executor
- Creating repositories (ECR) and Database service (RDS) and S3 bucket on AWS using Terraform files
- Managing full Deployment for backend on RDS using Kubernetes, providing Helm chart to finish that.
- Providing Gitlab CI jobs to build and deploy the project

### System and Network Administration

#### Innopolis University

2020 - 2021 Innopolis

Having a course in System Network Administration, we were asked to solve many network tasks and to do a final related project

- Deploying a simple project on EC2 instance using Docker Compose
- Working with shell scripts, Subnetting and Linux networking, SSH (key pair and certificate CA)
- Touching the configuration of nginx for configuring static web page on a nginx web server

### Several IT projects Experience

2016 - 2020

- IU project in Web Development: Front-end role, touched React/Redux
- IU Lab of machine learning "Internship": LMS Moodle support and development, Using API to edit Moodle data on Jason via python
- Robotics: Worked in the team of HIAST (Syria) robotics labs (Arduino).

## SKILLS & TOOLS

### Programming & Databases

Python Bash Java JS C/C++

MySQL PostgreSQL MongoDB

Redis

### Cloud Infrastructure

AWS(VPC/Subnets) EC2/RDS

Terraform Cloudformation

Auto Scaling Amazon S3

### Containerization & CI/CD

Kubernetes Docker AWS ECR

Gitlab CI Jenkins

### Hard Skills

Linux Git Agile

Network Protocols

## STRENGTHS



### Soft skills

Time management - Teamwork  
Open-minded, outgoing, and patient in conversations with others



### Languages

-Arabic: Native -English: Fluent  
-Russian/French: Beginner



### Hobbies

Chess  
Working out- Ping pong  
Music