MIKOŁAJ MIOTK

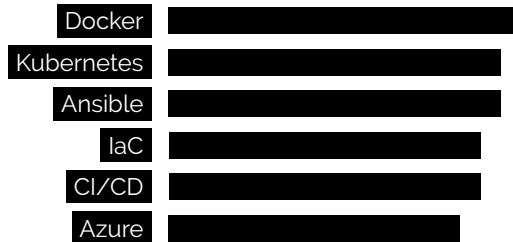## DevOps Consultant

Koleczkowo

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mikeeq

in miotkmikolaj

WHO AM I?

First and foremost computer enthusiast! I am a solution-oriented engineer with >6 years of professional IT experience, I love to work with the DevOps methodology, with automation, virtualization and open-source software.

Skill	
Docker	
Kubernetes	
Ansible	
IaC	
CI/CD	
Azure	

COOPERATIVE

Sharing is Caring - Knowledge sharing is the most key value for me. I'm constantly trying to improve myself and help others around me with small training talks, and also helping to unblock others during the working day.

OWNERSHIP

Following the best DevOps practices and making sure the most suitable tools are used for each given task.

CREATIVITY

Keeping track of the newest tools and practices in the DevOps space and considering their impact on the project and whether it provides a project end value.

EXPERIENCE

Jun 2021 – Present
Gdynia
Jun 2021 – Present
DevOps Consultant

DNV - GSS IT Kubernetes Platform   JIT Team

```
Azure / AKS / Kubernetes / Istio / Velero / Prometheus / Loki /
Kubecost / ArgoCD / F5 WAF / Victoria Metrics
```

GSS IT team was asked to provide multi-tenant Kubernetes Platform on Azure to help speeding up deployment processes for developed software projects across the entire DNV organization.

Responsibilities:
- Designing Kubernetes Platform
- Implementing WAF policies on existing DNVs F5 virtual appliances
- Preparing deployment app of apps charts for tenants

Oct 2020 – May 2021
Gdynia
Oct 2020 – May 2021
DevOps Consultant

DNV GL - GSS IT Monitoring   JIT Team

```
Azure / AKS / Azure Monitor / Azure Log Analytics / Azure DevOps /
Ansible / Terraform
```

DNV GL GSS IT team in Gdynia mainly focuses on creating centralized backup and monitoring solution for the whole company.

Responsibilities:
- Automatic Azure Monitor stack deployment based on Azure resource tags for the whole DNV GL organization, which includes deployment of: alerts, dashboards, Azure VM agents etc.
- Maintaining AKS clusters

Mar 2018 – Sep 2020
Leeds
Sep 2018 – Sep 2020
Senior Ops Engineer
Mar 2018 – Sep 2018
Associate WebOps Engineer

NHS Digital - NHS App
Kainos

```
Azure / Kubernetes / AKS / Helm / Splunk / TeamCity / Azure DevOps
/ Terraform
URL: https://www.nhs.uk/using-the-nhs/nhs-services/the-nhs-app/
```

The NHS App is a public healthcare project, and its main focus is to simplify and provide secure way to access a range of NHS services on mobile devices.

Responsibilities:
- Implementation of the whole CI/CD solution, which includes building AKS clusters, provisioning them, building/testing/deploying application components, security scans, etc.
- Splunk Cluster automated build

Jul 2017 – Feb 2018
London
Sep 2017 – Feb 2018
Associate WebOps Engineer
Jul 2017 – Sep 2017
Trainee WebOps Engineer

MOJ HMPPS - Digital Prisons
Kainos

```
Azure / Windows Server / RDS / Ansible / Powershell DSC / Jenkins
Terraform
```

Cloud-based Kiosk Self-Service for prisoners and prison staff.

Responsibilities:
- Creating automated packaging/deployment solution based on Chocolatey and Ansible
- Building automation for creating/managing Windows Server Remote Desktop Services HA IAAS clusters.

May 2017 – Jun 2017
Gdańsk
Trainee WebOps Engineer

WebOps Academy
Kainos

```
Azure / AWS / Puppet / Vagrant / Packer / Jenkins / Grafana
```

Corporate/internal series of workshops and trainings.

Feb 2017 – Apr 2017
Gdańsk

Software Engineer Intern in Cloud Computing
Intel Corporation Poland

```
Azure Stack / Azure Service Fabric / Hyper-V / Docker / Windows
Server Native Containers / CoreOS
```

Reference Architecture team
PoC MSSQL Server for Linux Beta in Docker Containers, deployed to Azure Service Fabric on Azure Stack and monitored using InfluxDB Stack with Grafana.

Jul 2016 – Jun 2017
Gdańsk

Operator IT
Grupa Wirtualna Polska

```
Zabbix / RedHat Linux / HW
```

Operators team was responsible for keeping all services/servers alive. We were the 2nd/3rd line of Support, the first point of contact during night shifts.
Mainly fixing day-to-day system issues and improving monitoring alerts.

Apr 2016 – Present
Gdańsk

Local Network Administrator
Gdańsk University of Technology

```
CentOS / HP ProCurve / Puppet / Zabbix
URL: https://pg.edu.pl/en/sccn
```

I am a part of Network Administrators group called SKOS in University dormitories.
Our main goal is to keep all dormitories connected to Internet 24/7, besides that we are constantly trying to improve our services and share knowledge across team members.
First professional IT experience with enterprise grade networking and server hardware.

EDUCATION

2013 – 2020

Bachelor of Engineering
Gdańsk University of Technology

```
OpenStack / Terraform / GitLab CI / Kubernetes / Kubespray / Helm
```

Field of Study: Electronics and Telecommunications,
Stream: Telecommunications,
Specialization: Radio Communication systems and networks,
Thesis: Creation of the platform for orchestration NLP services used by plagiarism detection system

LANGUAGES

English - proficient
Polish - native

HOBBIES

Automobiles
Retro Video Games/Consoles
Sports
Technology

PERSONAL SIDE PROJECTS

mbp-fedora - first Linux distro build with full Apple T2 compatibility (newer Intel based Macs)
xiaomi-ax3200-openwrt - tutorial and first builds of OpenWRT images for Xiaomi WIFI6 router
ansible-ops-workstation - automation for configuring Fedora and Ubuntu workstation