

# Nataliia Karachko

DevOps Engineer



Ukraine, Chernivtsi

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## SUMMARY

I am looking for developing my skills in AWS, Azure, Kubernetes, and Terraform. I'm applying for the position – Junior Strong/Middle DevOps Engineer

## EDUCATION

### **Chernivtsi State University**

*1995-2000*

**specialty:** informatics

**qualification:** mathematics

### **EPAM\_DevOps\_online\_Spring\_2021**

*2021*

### **SoftServe, DevOps**

*2021*

### **AWS Certified SysOps Administrator Associate**

Stephane Maarek

2023

### **Microsoft Azure Fundamentals (AZ-900)**

Adam Marczak

2023

## SKILLS

- AWS (IAM, EC2, AWS CLI, RDS, S3, EBS, ECS )
- GCP (GKE)
- Digital Ocean(Droplet, Space, Kubernetes)

- Azure (Virtual machines, Vnet, Load Balancer)
- Jenkins, GitlabCI, Azure DevOps
- Terraform
- Ansible
- Docker, Docker-Compose
- Kubernetes, OpenShift, Helm
- Prometheus, Grafana, Zabbix
- MySQL, AWS RDS, Postgres SQL, MongoDB
- Python, Bash
- Nginx, Apache, Tomcat, Wordpress
- Networking Fundamentals (Model OSI. TCP/IP, DNS, DHCP, VLAN, NAT)

## Languages

- English – B2 (Speaking B1+)
- Ukrainian

## Personal qualities

team player, attentiveness, responsibility, analytical, critical and technical thinking, concentration, quick learner, problem-solving and decision-making skills.

## EXPERIENCE

*May 2023 - January 2024*

### **NerdPeople**

#### **DevOps Engineer**

##### Job responsibilities:

*Digital Ocean.  
Kubernetes, Helm.  
Jenkins  
Prometheus, Grafana  
Docker, Docker-compose  
Bash, Python.  
Node.js, Go.  
Nginx, Apache, Wordpress  
Postgress sql, Mongo db*

##### Tasks:

*CI/CD with Jenkins  
Deployed microservices with Docker-compose and Nginx  
Deployed microservices with Kubernetes and Helm  
Dockerized Node.js, Python apps  
Created Backups using Bash and Python*

*Spined up Kubernetes cluster on Digital Ocean using terraform  
Monitoring with Prometheus and Grafana (spined up on Kubernetes)  
Created Docker Multistage builds for Python, Node js and increased image size  
Encryption sensitive information using SOAPS.*

*November 2022 - January 2023*

## **Privatbank**

### **DevOps Engineer**

job responsibilities:

*OpenShift, Kubernetes, Python Django, PHP, Java Tomcat, Zabbix*

*April 2022 - June 2022*

## **Murano Software**

### **DevOps Engineer**

*Kubernetes, Terraform, Zabbix, Bash, GCP*

job responsibilities:

- providing Level1/Level 2 support to clients internal customers
- provisioning, configuration infrastructure with Kubernetes and Terraform
- monitoring with Zabbix
- writing scripts Bash

*August 2021 - March 2022*

## **Softserve**

### **DevOps Engineer**

*AWS, Kubernetes, Terraform, Docker, Jenkins, Apache, Prometheus, Grafana, Nagios*

job responsibilities:

- providing Level1/Level 2 support to clients internal customers
- analyzing logs to support and troubleshoot application, infrastructure issues in production / non-production environments
- analyzing failed jobs in Jenkins
- provisioning, configuration, troubleshooting IaaS (Infrastructure as a Service)
- installing wordpress using terraform and ansible
- launching a docker with Apache server using terraform
- launching a vm with Nagios that will monitor status of the docker with apache and the vm with wordpress
- launching a vm with Prometheus that will monitor status of the docker with apache and the vm with wordpress
- launching a pod on Minikube with Prometheus that will monitor status of the docker with apache and the vm with wordpress
- configuring Grafana dashboard for Prometheus

*July 2021— July 2021*

## **Advanced Software Development (ASD Ltd)**

DevOps Engineer - Contract

Zabbix monitoring

May 2018 – July 2021

**Department of the State Treasury Service of Ukraine in Chernivtsi, Chernivtsi region**

**position:**

**chief specialist of the department of information technologies and information protection**

**job responsibilities:**

- ensuring the functioning of the multilevel information and computing and internal payment system of the Treasury;
  - supporting software and hardware of the State Treasury Service of Ukraine
  - taking measures to protect the information processed by the Department of the State Treasury Service of Ukraine
  - controlling and protecting information from computer viruses
  - accepting of documents for granting or revoking access to the electronic reporting program. granting or revoking access to this program upon request.
  - accepting of documents on access to SDO "Client-Treasury"
- February-March 2018

**Softimus LLC**

**position:**

**system administrator (trainee)**

**job responsibilities:**

- installation, configuration, and support of a virtual server based on OS "CentOS". - configuration of the program "TeamPass" - to store user passwords on the virtual server.
- configuration SFTP file server, web servers (Apache, Nginx) (virtual hosts)
- backup of MySQL database
- acquaintance with MicroTik (VLAN settings, WIFI)
- introduction to VCenter for vSphere-VMware management- centralized virtual infrastructure management.

August 2005-July 2017

**Department of FSSNV and Software of Ukraine in Chernivtsi region**

**position:**

**chief specialist in the implementation of information and computer technologies; chief specialist of the department of organizational work, office work and information technologies**

**job responsibilities:**

- monitoring of all computers of management and departments.
- resolving of problems that arise with hardware, software, local network, e-mail, Internet
- consulting employees of the department about software.
- installing software updates
- implementation of a set of measures to preserve information, prevent unauthorized access to it

November 2002-August 2005

**PFC management in Sadgirsky district**

**position:**

**chief specialist - database administrator of the department of personal accounting**

**job responsibilities:**

- receipting of electronic reports from accountants of enterprises
- providing assistance in establishing an electronic reporting program
- monitoring the health of all control computers.
- solution of problems that arise with hardware, software, local network, e-mail, Internet -monitoring of servers (Unix, Linux, Windows 2003 Server)
- implementation of a set of measures to preserve information, prevent unauthorized access to

it OTHER SKILLS

**QA Skills**

Knowledge of software QA methodologies, tools and processes and software testing theory: SDLC

Experience with Python/Selenium(API, JSON, Page Object)

Knowledge of an Agile/Scrum development process.

Knowledge of writing clear, concise and comprehensive test plans, test cases, bug-reports;

Designing of bugs and improvements in the bug-tracking system (Jira, Mantis)

Creating test cases (Testlink)

Creating checklists (Sitechko)

Hands-on experience with black box, exploratory, system, integration, and unit testing

Experience with Functional, usability, and UI testing

Knowledge of MySQL, SQL Server and SQL databases

Knowledge of JavaScript programming language and basics of HTML, CSS

Knowledge of Selenium IDE / WebDriver

Knowledge of API basics and Rest API, Postman, Soap UI

Knowledge of Fiddler, Charles Proxy

Knowledge of Jenkins and Git / GitHub

Knowledge of Confluence

**IT Skills**

Professionally own a computer at the level of system administrator

Installation, configuration and administration of Windows XP, 7, drivers and software, MS Office, Windows 2003-2008 Server (Active Directory, GPO, DHCP, DNS)

Experience and skills of local network administration, supporting office equipment (copier, scanner), setting up antivirus protection and providing protection against unauthorized access to data. Experience with Linux(TCP/IP, DNS, VPN), FreeBSD operating systems. Installed and configured web server (Apache), ftp-server (Protpd), mail server (Postfix), SSH, SMTP/POP3

Knowledge the basics of working with SQL and Mysql databases. (MySQL, PhpMyAdmin)

SQL); Experienced with one of the scripting languages: bash.

Knowledge the basics of routing based on Cisco routers. I studied the Cisco CCNA course. Experience with HTML, CSS, Java Script .

Experienced with Visual Basic.

Knowledge the basics of SEO and SMM.

Knowledge the basics of manual and automated software testing -QA.