

## Diachenko Petro

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- | **5x Kubernetes: CKA, CKAD, CKS, KCNA, KCSA, Cilium**
- | **2x Hashicorp Stack: Vault, Consul**
- | **LFCS: Linux SysAdmin**

I have over 7 years of experience of software development and leading IT projects activities, my favorite tools are HashiCorp Stack, Kubernetes Stack (on-premise and cloud) , Linux, Containerization and Golang, which I continue to combine with other technologies. I like taking on startups

**I can speak English and German.**

Ich habe über 7 Jahre Erfahrung in der Softwareentwicklung und in der Leitung von IT-Projekten.

Meine Lieblingstools sind HashiCorp Stack, Kubernetes Stack, Linux, Containerisierung und Golang, die ich versuche weiter mit anderen Technologien kombinieren.

Ich beteilige mich gerne an IT-Startups.

**Ich kann Englisch und Deutsch sprechen.**

My main interests: Linux, Golang, Kubernetes, infrastructure provisioning, Cilium

Technologies

- Linux system administration (Debian and Red Hat)
- AWS
- GCP
- Terraform
- Packer
- Consul
- Vault
- Platform as a Service (Docker, Podman, containerD)
- Ansible
- CI/CD (ArgoCD, GitLab CI, GitHub Actions)
- Serverless
- Mesh networking
- Kubernetes and Helm

Programming Languages/Technologies

- Golang, Python

Relational Databases

- MySQL
- PostgreSQL

Monitoring

- TICK Stack (InfluxDB, Telegraf, Kapacitor, Chronograf/Grafana)
- Prometheus Stack (Prometheus, Alertmanager, Node Exporter, cAdvisor, Pushgateway, Blackbox Exporter)
- ELK Stack (Elasticsearch, Fluentd/Logstash, Kibana)

NoSQL Databases

- InfluxDB
- MongoDB

### **Freelancer.com · Freelance**

**Aug 2024 - Nov 2024**

Implementing the use of Hashicorp Vault with Terraform into the infrastructure to maintain centralized data storage and login with token for databases.

### **Infosys**

**Mar 2024 - Aug 2024**

Improving the workflow of Apache Kafka brokers on Amazon Web Services to process data streams more efficiently by optimizing data stream consumption and production. Upgrading specific Apache Kafka brokers to enhance real-time data stream performance. Using Datadog for comprehensive monitoring and observability by configuring dashboards to track consumer lag, throughput, and Apache Kafka operations.

Additionally, collecting various Apache Kafka metrics using different exporters into Prometheus,

then sending them to Datadog for advanced big data analytics. Collaborated with on-call teams, configured communication through PagerDuty, and participated in setting up the Apache Kafka data streaming flow.

### **GlobalLogic**

**Feb 2021 – Apr 2024**

working with AWS and GCP services. Set up the monitoring Linux process in the datadog, grafana and configuration and putting Prometheus push gateway system, configuration Kafka's statefulset with Prometheus, problem analytics basing on Pagerduty and logs visualizing by Dynatrace.

Update and rewrite Ansible module playbook with 2.7 version for provision Kubernetes with fork kube-spray on baremetall and working with Java build files and preserving them in Artifactory. Hashicorp Consul backup. supporting pipelines in Jenkins and configuration of new features into production. Elasticsearch stack and monitoring implementation of sensors on various mobile devices as well as the configuration of certain services suitable for working using an ansible. Configuration monitoring with Cloudwatch and Cloudtrail for system. Have

experience with combine all Hashicorp stack for developing infrastructure and services. Kubernetes support and configuration stack with ELK + filebit

### **N-iX**

**Mar 2019 -Jan 2021**

Prepared the Hashicorp stack: Consul as Discovering services, and Vault, and its integration with AWS Services. Wrote modules for provision AWS (SQS, SNS, CloudWatch, IAM, S3, EC2, ELB/ALB, ASG, Route53, RDS) and Google Cloud (GKE) using Terraform, Ansible, and Packer. Working with Kubernetes (EKS and GKE). Wrote the GitlabCI pipeline and deploy pipeline applications in Openshift with templates. Support Openshift clusters and wrote Kubernetes Helm charts. Installed TIK stack for monitoring instances and combine it with Prometheus stack. Installed the Zabbix server and Zabbix agent with configurations for monitoring 46 servers.

Configuration Azure Kubernetes native Monitoring tools for Kubernetes clusters. And I gathered all monitoring information Kubernetes services. Installed and worked with Prometheus stack.

### **Intellias,**

**Sep 2016 -Mar 2019**

cookbooks for chef CM and working with AWS OpsWork. Wrote terraform modules with Ansible playbooks for applications on Google Cloud. Worked with Kubernetes and Openshift

Prepared also a video streaming server with Nginx for monitoring cameras online Created networking for dockers with Calico. GitlabCI pipelines

Deploy infrastructure with terraform, cloudformation and ansible on AWS. Writing and using Docker containers and Jenkins pipelines. Install and configuration with CloudFormation on AWS Infrastructure for project ML for java developers - (VPC, EC2, S3,

Endpoints, SQS)  
Working with ELK stack.

**Inprimex, Magnetto**

**Oct 2015 – Nov 2016**

Monitor and maintaining the UNIX equipment. Also make performance test using Jmeter and Blazemeter, configured Grafana, InfluxDB, Prometheus, and TICK stack for Jmeter performance tests.

Used also a salt stack files, installing Salt Stack Master with minions on nodes. Configure with Ansible roles Nginx servers,

Wrote a python script for Jmeter for made performance tests for applications. Designed and implemented automated full image and upgrade build and developer test systems for Linux based (Red Hat and Debian).