

Resume of Sergiy Markatov  
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## Summary

Experienced DevOps engineer/System Administrator of Linux/web/database services, tools.

## Work history

**Innovects** (Oct/2022–Mar/2023) – DevOps engineer at [WEKA](#)

Write Terraform configuration for infrastructure provisioning on AWS/OCI; take part in developing the solution design of integration Weka services with Hashicorp Vault as a secret store and OIDC identity provider.

Clouds: OCI, AWS

Systems: Linux, Hashicorp Vault, Istio, Terraform, Helm, Kubernetes(OKE), etc.

**Oracle | TOA Technologies** (Oct/2019–Sep/2022) – Software Engineer(DevOps)

Write Terraform configuration for infrastructure provisioning on OCI, write Chef-cookbooks for hosts post-provisioning and setup, take part in developing the solution design of delivery processes for infrastructure provisioning and update with CI/CD; write operation manuals and code-review checklists for DevOps/Ops teams.

Write configuration management tools on Python/Ansible for automating daily-routine tasks, provide the full-cycle support for Ops teams. Develop and setup the Hashicorp Vault integration with OCI Identity and Access management (IAM) and Kubernetes on OCI;

Clouds: Oracle Cloud Infrastructure(OCI)

Systems: Oracle Linux, Kubernetes(OKE), Hashicorp Vault, Chef, Terraform, Python, Docker, Helm, Jenkins, Kibana/Grafana, etc.

Data: Redis Sentinel, MySQL, Logstash, Prometheus, S3-compatible storage, etc.

**Oracle | TOA Technologies** (2016–2018) – Software Engineer(DevOps)

Create Ansible deployment scenarios for Oracle on-demand infrastructure's host provisioning and setup applications on them. Build and configure network infrastructure with VLANs, firewalls(iptables, Juniper FW), and load-balancing (Big F5/Nginx). Setup and configure third-party services for Dev/QA teams like SAML, OpenLDAP, and so on. Provide the full-cycle support with infrastructure hosted on Oracle infrastructure.

Systems: Oracle Linux, Ansible, Jenkins, Nginx, PHP, KVM, OVM.

Data: Redis Sentinel, MySQL.

**Anvileight** (2014–2015) – System Administrator

Provisioning and setup the local network infrastructure, user management and backups.

Take part in provisioning customer infrastructure with a wide range of tools, write scenarios with boto, Ansible, fabric. Administer Jenkins pipelines and delivery processes. Take part in writing unit tests on Python for customer products, web scrapping, and so on.

Clouds: AWS, Google Cloud.

Systems: Linux(Ubuntu, RH, CentOS), Jenkins, Odoo, TeamSity, KVM, Django, Ansible, Nginx, etc.

Data: MySQL, Redis, MongoDB, etc.

**NitraLabs (2012–2014) – System Administrator**

Provisioning and setup the local network infrastructure, build user management and backups. Build RPMs from sources and apply security patches, write web configuration for load-balancing with Nginx; provide full-cycle support for customer and Dev teams, setup and configure the third-party services for customers.

Take part in provisioning customer infrastructure with a wide range of tools

Clouds: AWS, on-demand infrastructure.

Systems: Windows IIS/HyperV, Linux(Ubuntu, CentOS), Jenkins, KVM, Nginx, PHP-FPM, Ansible, etc.

Data: MySQL-forks(MariaDB, Percona), Redis, MongoDB, Bacula, AWS S3, etc.

**Technical Experience**

Systems: Windows Server, Linux.

Languages: Python, HTML, some CSS/JS.

Databases: MySQL, PostgreSQL, SQLite (relational);

Redis, Memcache, MongoDB (non-relational).

Web Frameworks: Django, some Flask and FastAPI.

Web Services: Apache, Nginx, PHP-FPM, gunicorn, uWSGI.

Tools: bash, python, terraform, ansible, fabric, boto, etc.

Services: Hashicorp products (Vault, Consul), systemd, firewalld, etc.

**Education**

1996-2001 Kharkiv National University of Radio electronics.