



Mushegh D.

SRE/DevOps



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Professional summary

Accomplished DevOps with 7 years of experience in Networking and 3 years of experience in Systems engineering and DevOps with production-grade systems. Certified Kubernetes administrator. Has experience as DevOps Trainer. Mushegh relies on logic and analysis, thoughtful in his approach and try to do everything perfectly.

Education	State Engineering University of Armenia Network and System Administrator Bachelor's degree
Links	Github Medium
Skills	Kubernetes, Docker Jenkins, Terraform Ansible AWS Azure, Oracle Cloud Linux (Debian, Ubuntu, Centos) Gitops (Argo Cd, Argo Events, Argo Workflow) Hashikorp Vault, Consul Bash Scripting Python, Flask, SQLAlchemy, Mysql Git (Using Github, Gerrit, Bitbucket) Asterisk Voip Service Zabbix, Elasticsearch, Logstash, Kibana, Grafana Apache, Nginx, Dns Bind, Netflow TCP/IP, UDP, ICMP, SNMP, DHCP VMWare Esxi

Project	INTELLIAS LTD.
	electronics
Period	Sep 2021 - now
Role	DevOps Engineer (AWS)
Technologies	AWS, Kubernetes, Docker, Terraform, Ansible

Responsibilities

- Designing cloud infrastructure that is secure, scalable, and highly available on AWS
- Working collaboratively with software engineering to define infrastructure and deployment requirements
- Provisioning, configuring and maintaining AWS cloud infrastructure defined as code
- Ensuring configuration and compliance with configuration management tools
- Building and maintaining operational tools for deployment, monitoring, and analysis of AWS infrastructure and systems
- Performing infrastructure cost analysis and optimization
- Prioritizing and implementing serverless solutions
- Maintaining AWS environment (dev, beta, staging, production)
- Working with engineering and QA to establish a low-friction development process to produce high-quality releases with minimal human intervention

Project	SYNERGY INTERNATIONAL SYSTEMS
	consulting
Period	May 2020 - now
Role	DevOps Engineer
Technologies	Ansible, Terraform, Git, Kubernetes, Docker, Python, Bash, Apache tomcat, Rabbitmq, Redis, IIS, Mysql, Mssql, PostgreSQL, Hashicorp Vault, Consul

Responsibilities

- Deploying applications in a multi-tier environment.
- Rolling out updates of the software as per requirements.
- Providing maintenance of the Production environment
- Monitoring the environment with ELK Stack
- Automating deployment of Linux applications and system configuration.
- Writing custom Jenkins pipelines, Ansible playbooks, Terraform scripts.
- Designing and implementing custom client requirements on a professional services basis in Kubernetes/Docker.
- Developing corrective actions with Python and Bash to solve operations issues.
- Deploying Python-FLASK-based custom web applications for team local purposes.
- Providing consulting services to solve operations engineering problems all over the world to clients (> 75 different projects based on microservices, working on Linux and Windows Server systems).
- Ensuring operations-related activities are performed in compliance with company standards and regulations.
- Initiating continuous process improvements to improve operational effectiveness, researching and implementing new tools.
- Identifying and implementing cost optimization and reduction initiatives in Microsoft Azure infrastructure.
- Providing technical support and guidance on operations' validation, development, and implementation.
- Providing engineering support to the operations team in achieving business goals.

Project	RENTOPTIMUM
	Booking service
Period	Dec 2020 - now
Role	DevOps Engineer, Python developer
Technologies	Terraform, GitHub, AWS ElasticBeanstalk, AWS RDS, Python Flask, SQLAlchemy
Responsibilities	
<ul style="list-style-type: none">• Working with Python Flask and Sqlalchemy in the backend.• Writing project-specific Python microservices, working with Google Maps API.• Automation of whole deployment process using Terraform, GitHub actions on AWS ElasticBeanstalk, and AWS RDS.	

Project	REALTIME ISP
	Internet access services
Period	Apr 2014 - Dec 2017
Role	Senior Network and Systems Engineer
Technologies	Python, PHP, Vmware Esxi Virtualization Services, Zabbix, with DNS Bind, Squid Proxy, Apache, Mysql

Responsibilities

- Fully installing, configuring and supporting Asterisk Voip System, Zabbix Monitoring System, Iptv and Dvb Services, FFmpeg Server Transcoding Service.
- Working as the Primary System and Network Administrator for Linux Systems and Servers. (Debian, Ubuntu, Centos)
- Initiating backup process, Data recovering and other disaster recovery contingencies.
- Designing and developing programs and applications to support operations.
- Writing custom Chat-Bots with Python for the automation clients' support.
- Creating Db Replications, Web Server, NetFlow server.
- Worked with PHP, Javascript-based billing applications, and support the small changes for our needs.
- Designing of Bgp/Mpls/OSPF Service Provider Networks.
- Creating security firewalls, filters, ACL on the core network of ISP.
- Training staff on hardware and software technologies.
- Had experience with creating IPsec and VPN tunnels
- Coordinated and manage communications with outside workers of the company
- Worked with the Managing and maintaining Network infrastructure in Datacenters