



Stefan A.

Senior DevOps Engineer



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Professional summary

Stefan is a high-skilled DevOps Engineer with over 7 years of total experience in building cloud solutions on AWS, Azure, GCP and OpenShift. He has an extensive experience in the design and implementation of fully automated Continuous Integration systems and DevOps processes for Agile projects. Stefan is an ambitious visionary who works hard to achieve goals.

Education	University of Gaziantep Electrical and Electronics Engineer Bachelor's degree
Certifications	AWS Certified Solutions Architect – Associate (2017) CKA: Certified Kubernetes Administrator (2022)
Skills	Python, JavaScript, Node.js Docker, Podman Kubernetes, OpenShift, Terraform Jenkins GitLab, Bitbucket, GitHub Actions Linux (Centos, Debian, Ubuntu, Amazon Linux) Bash AWS (EC2, RDS, S3, VPC, Route53, SQS, CloudWatch, SNS, Kinesis, CloudFormation, Elastic Beanstalk, ECR, EKS, Lambda) Azure, GCP MySQL, MongoDB, PostgreSQL, Redis Kafka Elasticsearch Prometheus, Grafana, Datadog, New Relic, Zabbix

Project	Pensa Systems
	Multiple Software Projects
Period	Mar 2022 – till now
Role	Senior DevOps Engineer
Technologies	Python, Shell, AWS (EC2(All), IAM, S3, Elastic Container Service (ECS), VPC, CloudWatch (All), Event Bridge, Lambda, Elastic Kubernetes Service, System Manager, Event Bridge), Azure, GCP, Docker, Terraform, GitHub Actions, CloudWatch

Responsibilities

- Managed all implementations and deployments with Terraform files;
- Worked with big data processes and helped the data team to work with efficient environment;
- Drove DevOps adoption by recommending and implementing tool sets and best practices for automation, configuration and release management;
- Developed and managed consistent and coherent DevOps processes and practices to support software development, testing, builds and deployment;
- Wrote Docker files for development and Big Data Teams;
- Created and maintained fully automated CI/CD pipelines for code build and code deployment;
- Developed scripts with Shell and Python.

Project	Vodafone
	Mobile operator
Period	Sep 2020 – Mar 2022
Role	Senior DevOps Engineer
Technologies	AWS, Jenkins, Kubernetes, Kafka, OpenShift, Splunk, Elasticsearch, Kibana, Shell

Responsibilities

- Designed and implemented all CI/CD processes;
- Monitored with Splunk and APM tools with Instana;
- Designed the deployment of microservices;
- Wrote all manifest (Deployment, Services, Ingress, Network Policies, RBAC etc.) with best practices (non-root privileges, anti-affinity rules, resource and limitations management with Kyverno, deployment strategies, etc.);
- Drove DevOps adoption by recommending and implementing tool sets and best practices for automation, configuration and release management;
- Developed and managed consistent and coherent DevOps processes and practices to support software development, testing, and deployment;
- Developed scripts with Shell;
- Configured EFK (Fluentd, Elasticsearch, Kibana) for logging;
- Mentored new team members.

Project	Dominos
	The Worldwide Leader in Pizza Delivery
Period	Mar 2020 - Sep 2020
Role	DevOps Engineer
Technologies	Azure (Azure VM, Azure Virtual Network, Express Route, App Service, AKS, Azure AD, Application Insights, Azure Application Gateway), Kubernetes, Terraform, Docker, Prometheus, Grafana, Helm, New Relic
Responsibilities	
<ul style="list-style-type: none">• Transformed Azure App Service to Kubernetes;• Created well-architected network on Azure;• Designed IAM roles with Azure AD;• Migrated the on-prem databases to Azure;• Designed Docker files for microservices and pushed them to container registry;• Managed all CI/CD processes with Azure DevOps;• Developed Kubernetes Docker files and Kubernetes manifests for AKS transformation;• Checked the risk of the Kubernetes cluster with kube-scan.	

Project	Airties
	the most widely deployed provider of managed Wi-Fi solutions to operators around the globe
Period	Dec 2018 – Mar 2020
Role	DevOps Engineer
Technologies	AWS (EC2, S3, EBS, VPC, ELB, AMI, SNS, RDS, IAM, Route53, Auto Scaling, CloudFront, CloudWatch, CloudTrail, CloudFormation, OPSWork, System Manager, Security Groups, Lambda), Linux, Jenkins, Prometheus, Grafana

Responsibilities

- 7/24 Support customer production environment;
- Used Jenkins as a part of continuous integration and used an automation tool for builds and deployments;
- Developed scripts for deployment, maintenance and related tasks using Jenkins, Docker, Shell Scripts;
- Developed Docker images to support development;
- Wrote documentation for all operations guides;
- Worked under GDPR conditions and wrote SLAs for customer.

Project	UITSEC
	Cybersecurity solutions
Period	Nov 2017 – Dec 2018
Role	DevOps Engineer
Technologies	Docker, Terraform, Kubernetes, Jenkins, GitLab, Debian, Ansible, Jenkins, Elasticsearch, Kibana, Portainer, Linux, Prometheus, Grafana, Azure

Responsibilities

- Created fully automated CI and infrastructure deployment processes for multiple projects;
- Developed Docker images to support development and their pipelines;
- Developed scripts for build, deployment, maintenance and related tasks using Jenkins, Docker and Shell Scripts;
- Configured and managed Docker environments with Portainer;
- Used Jenkins to automate CI/CD pipelines to increase repeatability, reliability, efficiency, and quality;
- Installed, configured and maintained CI and Management Tools;
- Managed User Accounts on Unix Platform with Azure Active Directory (Creation, Deletion, Permissions and VPN Access);
- Used Terraform to automate infrastructure.

Project	NETAS
	Multiple software projects
Period	Feb 2015 – Nov 2017
Role	Linux System Administrator and DevOps Engineer
Technologies	Jenkins, Docker, Gradle, Git ,Bash, PagerDuty, Nagios, AWS, GCP, Azure, OpenStack, Terraform, Ansible, Puppet, Kubernetes, Scrum
Responsibilities	
<ul style="list-style-type: none">• Automated deployment with Terraform , Ansible and Puppet;• Took part in Devops and cloud-based stories;• Determined problems and supplied logs/data for users;• oVirt installation and configuration;• Mentored new team members.	