

## SERGII TARASOVSKIY

DEVOPS ENGINEER

<https://sergtarasov.com>

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### PROFESSIONAL SUMMARY:

Reliable and highly motivated DevOps specialist with 10+ years of experience in the IT industry. Expertise in Docker, Kubernetes, Jenkins, Terraform, Ansible and AWS Cloud environment. Excellent interpersonal skills, quick learner and self-starter who loves to work in a team and ready to help companies create a quality process that allows them to build a success product.

### TECHNICAL SKILLS:

- **Programming Languages:** HTML, CSS, JavaScript, Python
- **Scripting:** Bash, Groovy, YAML/JSON
- **CI/CD:** Jenkins, AWS CodePipeline
- **Package manager:** Helm, Yum, APT
- **Test Automation:** SonarQube
- **Databases:** SQL, PostgreSQL, Mongo DB
- **Load Balancing:** Nginx, HA proxy, AWS ELB
- **Version Control System:** Git/GitHub
- **Build Tool:** Maven
- **Containerization:** Docker, Kubernetes
- **Infrastructure Provisioning:** Terraform
- **Configuration Management:** Ansible
- **Monitoring:** ELK, New Relic, Grafana, Prometheus
- **Ticketing:** Jira
- **AWS Services:** EC2, S3, IAM, Lambda, AMI, VPC, Route53 etc

### PROFESSIONAL EXPERIENCE:

**DevOps Engineer | Colgate Enterprise Corp | New York, NY**

**10/2019 – Present**

- Configured Kubernetes Clusters ensuring auto scaling and load balancing of nodes/pods
- Automated infrastructure provisioning and configuration using Terraform and Ansible with Dynamic Inventory
- Build Release Engineering and configuration management which includes environment setup, build automation, continuous integration, Scripting and deployments
- Created and maintained fully automated CI/CD pipelines for code deployment using Jenkins
- Performed patching and role bumps in Linux box using ansible w.r.t to the code changes in role cookbooks
- Used Ansible/Ansible Tower to create inventory, job templates, schedule jobs, configure management, as well as design and implement a fully automated server monitoring, and deployment system
- Charged with setting up the life cycle policies to back the data from AWS S3 to AWS Glacier, working with various AWS EC2 and S3 CLI tools, and maintained configuration files for each application for builds and installed on different environments
- Provisioned and managed applications in both virtual, cloud infrastructure and containerized tools using OpenShift and Docker

**DevOps Engineer | Axecon Corp | New York, NY**

**10/2018 - 09/2019**

- Written, modified and maintained ansible playbooks and automation scripts
- Automated builds and deployments using Jenkins and Docker to reduce human error and speed up production process
- Configured and deployed highly available, scalable applications on AWS Cloud using EC2, RDS, S3, ELB, and Auto Scaling and monitored these applications with Cloud watch and Prometheus
- Installed and configured web/application Servers (JBoss/Wildfly, Nginx, Apache, Tomcat)
- Built and deployed Docker containers to break up monolithic app into micro services, improving developer workflow, increasing scalability, and optimizing speed using Kubernetes clusters in GCP and AWS Elastic Container Service (ECS)
- Provisioned Complex Automated CI/CD pipelines using multiple interconnected tools
- Used Docker for containerization with Docker Swarm and Kubernetes for container orchestration
- Experienced in using Terraform, AWS SDK, AWSCLI/UI, kops and ansible to provision and configure infrastructures in AWS Cloud including; VPC, Route53, Private and Public subnets, route tables, IGW, EC2 Instances, IAM, ELB, Autoscaling, CloudWatch, EFS, NFS, EBS, S3,Databases, Lambda security groups, NACLs, among others

**Systems Engineer | Lexunder inc | New York, NY****12/2016 - 09/2018**

- Design and plan for upgrades, topology changes, and introduction of new technologies
- DevOps: Working with Application Development teams to maintain environments, assist in troubleshooting, perform deployments
- Provide on-going production system support. Supporting the enterprise systems - from application to desktop to server to network
- Support the entire enterprise and its practice areas, managing internal and Private Cloud Hosting platform
- Setup and maintenance of local network (servers, switches, routers, firewalls, wireless devices, VoIP phone system)

**Infrastructure Engineer | Madex inc | Odessa, Ukraine****04/2014 - 07/2016**

- Maintained and administer computer networks and related computing environments including computer hardware, systems software, applications software, and all configurations
- Diagnosed, troubleshoot, and resolve hardware, software, or other network and system problems, and replace defective components when necessary
- Planned, coordinate, and implement network security measures to protect data, software, and hardware
- Configured, monitor, and maintain email applications or virus protection software
- Optimized and automated system design, documentation, and technician/user training

**EDUCATION:****• Certificate in Computer Science**

Retraining Program for Immigrant Engineers, Cooper Union, New York, NY

**• Bachelor's in Computer Science (BS)**

Odessa National Polytechnic University, State University, Odessa, Ukraine

**PROFESSIONAL DEVELOPMENT:**

- **Cyber Security**, NY, Cooper RPIE
- **Data Architecture Principles, Data Structure and SQL**, NY, Cooper RPIE
- **Python and Data Science**, NY, Cooper RPIE
- **Using Python to Interact with the Operating System**, NY, Google/Coursera
- **Google Data Analytics Certificate**, NY, Google/Coursera
- **AWS Cloud Practitioner Essentials**, NY, AOL
- **AWS Technical Essentials**, NY, AOL