



**PETR DONDUKOV**

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**DEVOPS ENGINEER**

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Challenge me! As a Senior DevOps Engineer with over 20 years of IT experience cover the full range of services and management to support medium and enterprise level companies. My usual focus are companies that have collected significant infrastructure tech debt and are ready to do what it takes to make the pain go away. I work to improve the flow from business to customer, enhance the feedback loop, and then promote a culture of continuous improvement and learning. I collaborate with managers and engineers of all profiles to reach business goals.

## TECHNICAL SKILLS

IaC: Terraform (with Terragrunt), Ansible  
Scripting: Bash, Python (basic)  
Clouds: Mostly Azure, but have experience with AWS and GCP, OpenStack  
DevOps tools: Docker, Kubernetes, Helm, GitLab-CI  
Queue systems/Databases: RabbitMQ, Kafka, Redis, MongoDB, PostgreSQL, MySQL, MSSQL  
Monitoring: Prometheus, Victoria Metrics, Grafana  
Logging: ElasticSearch, OpenSearch (with logstash, fluentd, fluent-bit, data-prepper)  
Tracing: OpenTelemetry (as monitoring & logging also), Jaeger  
OS: FreeBSD, Linux (Gentoo, Ubuntu), Windows Server  
Networks: Routers Cisco, Juniper, Ubiquiti, MikroTik  
Storage: MinIO, Ceph (of course S3, Azure Blob Storage also)

## PROFESSIONAL EXPERIENCE

- Invent** **Dubai, UAE**  
*Senior DevOps Engineer* *Nov 2022 - Present*
- Design and implementation of secure cloud native architecture (oAuth, RBAC, private networks, etc)
  - Optimization of cloud infrastructure costs (resize instances, spots, remove unused, etc)
  - Implementation of network, server and cloud infrastructure using terraform and terragrunt as IaC
  - Implementation of corporate VPN based on WireGuard
  - Implementation of monitoring based on Victoria Metrics and Grafana
  - Implementation of logging and tracing based on OpenSearch and OpenTelemetry
  - Training of the team's internal staff
- Chainstack** **Singapore**  
*Site Reliability Engineer* *Feb 2022 - Nov 2022*
- Design and Implementation of IaaS, Containerization and Configuration Management
  - Development of GitOps based deployment systems
  - Refactoring more than half of the existing IaC
  - Writing new IaC code: Infrastructure modules, CI-CD pipelines
- AMAI (AI Interaction Corp)** **Mountain View, US**  
*DevOps/MLOps Engineer* *Jun 2020 - Feb 2022*
- Migration of existing cloud-based infrastructure to a more secure architecture
  - Design a Kubernetes based deployment pipeline to increase development velocity
  - Ensuring uninterrupted AI application performance under a load of over 100,000 requests per second (RabbitMQ, Cluster autoscaling, Prometheus Adapter)
  - Implementation of monitoring and alerting based on Prometheus (with Prometheus Federation) and Grafana
- C-Cars** **Moscow, Russia**  
*DevOps Engineer* *Mar 2019 - Apr 2020*
- Implementation of workflow system (Jira) and version control system (GitLab) with CI/CD (GitLab-CI)
  - Implementation of queue system (Kafka) and PostgreSQL Cluster based on Patroni
  - Implementation of logging based on EFK stack (ElasticSearch, Fluentd, Kibana)

## EDUCATION & CERTIFICATIONS

East Siberian State Technological University, Ulan-Ude, Russia  
Master's degree, Engineer of radioelectronic systems

*Sep 1999 - Jun 2004*