

# Mikhail Dronov

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📍 Belgrade, Serbia

🔗 <https://cv.dronov.net>

## WORK EXPERIENCE

### Senior system engineer

Zeal Group

Mar 2022 - Present

- Responsible for Linux-based production infrastructure implementing full lifecycle of servers: creating, using, patching with Gitlab/Foreman/Ansible/Terraform and other tools
- Worked with Terraform in GCP, Alicloud, NS1, Akamai, Proxmox, KVM: speed up CI-CD
- Refactored tons of Nginx configs. Setup reverse/tcp stream proxy. Setup several LB: GCP, haproxy
- Proactive worked with SRE troubleshooting incidents: root causing, postmortems, etc

### Devops engineer

Restream

Sep 2021 - Mar 2022

- Supported Debian-based hardware infrastructure with deployments, CI-CD: hp proliant, Chef, Ansible
- Worked with Ruby on Rails dev team to build CI-CD processes with Gitlab
- Maintained old k8s cluster: ceph troubleshooting, custom Riemann monitoring, etc

### Lead Linux engineer

Restream

Jan 2018 - Sep 2021

- Led small engineering team for porting embedded U-Boot bootloader and Linux kernel
- Organized deploy+update+testing processes for 500K devices based on Gitlab CI/CD and other tools
- Reviewed factory production lines in China and performed some security audits

### Junior system -> Middle -> Linux software engineer

Volga-Dnepr airline company -> Restream

Jan 2012 - Jan 2013 , Jan 2014 - Jan 2018

## EDUCATION

### Ulyanovsk State University

Specialist degree in CALS technologies

Sep 2008 - Mar 2014

## PROJECTS

<https://cv.dronov.net> <https://github.com/dronov/cv.dronov.net/>

2023

- Python-based Flask CV application deployed to Nomad cluster with Github Actions

<https://github.com/dronov/urban-octo-couscous>

2023

- Prometheus Golang app with Terraform/Ansible/Github Actions deployment + Grafana dashboard

<https://github.com/dronov/cmangos-k8s>

2024

- Pet project: CMaNGOS WoW server deployed to k8s server (Proxmox, Terraform, Metallb)

## TECHNICAL STACK AND PREVIOUS TOOLS

- OS: Linux-based (deb/rpm/rolling)
- Containerization and orchestration: Docker, Podman, lxc, nomad, k8s
- Virtualization: Proxmox, KVM, Canonical MAAS
- Clouds: GCP, Alicloud, AWS (a bit)
- CI-CD: Gitlab, Github Actions, Jenkins
- IaC: Terraform, Ansible, Pulumi, Chef
- Monitoring: Prometheus, Zabbix, Riemann, NetData
- Python, Ruby, Golang, C++, Make, CMake, buildroot, Grafana, ELK, filebeat, AWS, NS1, Akamai, Nginx