

Dmitry Petrovich Tukan

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Reside in: Moscow, metro station Okruzhnaya

Citizenship: Russia

Available for remote work: Kazan, Krasnodar, Nizhny Novgorod, Saint Petersburg, ready for business trips

Desired position and salary

DevOps Engineer

Specializations:

- DevOps engineer
- Programmer, developer
- Network engineer
- System administrator
- System engineer

Employment type: full time, part time, project work/one-time assignment

Work format: remote

Desired travel time to work: any

Work experience — 6 years 8 months

December
2024 — August
2026
1 year 9 months

HeadHunter

Russia, hh.ru/

IT, System Integration, Internet

- Internet Company (Search Engines, Payment Systems, Social Networks, Information and Educational, Entertainment Resources, Website Promotion etc.)

Senior DevOps Engineer

Project:

Development of the company's internal infrastructure, from bare metal and virtualization to Kubernetes, CI/CD, and services for development and testing.

Deployed infrastructure from bare metal: prepared Proxmox VE hypervisors for infrastructure services and Libvirt/KVM for Kubernetes, together with Ansible roles for configuring VMs with SR-IOV/VF passthrough, CPU pinning, and other system settings. Performed a major upgrade of production Proxmox VE clusters from version 8 to 9.

Optimized Kubernetes infrastructure: separated workloads using Node Affinity, Taints/Tolerations, and dedicated node pools; deployed additional clusters on Libvirt/KVM. This increased available compute capacity by approximately 17% and reduced workload contention.

Migrated a Selenium Grid cluster for browser E2E tests from bare metal to Docker VMs, simplifying CPU and memory redistribution between test nodes and improving test infrastructure performance by 10%.

Developed the Kubernetes-based platform infrastructure: Jenkins, ArgoCD, Harbor, Forgejo, HashiCorp Vault, Nexus, Devpi, MinIO, and CI runners. Designed CI/CD pipelines for building, testing, and deploying internal services using Helm and ArgoCD.

Developed the internal Ansible role library: wrote new roles according to team standards, maintained idempotency and reusability, and refactored and updated existing configurations.

Developed monitoring and alerting based on Prometheus and Grafana: onboarded new services, created and updated dashboards and alert rules, and eliminated false positives and outdated checks. Reduced alert noise, cutting infrastructure issue triage time by approximately 20%.

Designed and implemented a dedicated pipeline for collecting sensitive infrastructure and security events based on Vector - Kafka - ClickHouse: syslog/firewall event collection and parsing, storage, access control, network-block analysis, and automated reporting.

Wrote Python and Bash tools for operations automation: health/state checks, Prometheus textfile collectors, backup/cleanup jobs, and diagnostic utilities. Contributed to support of the internal release platform and the automated provisioning system for test environments.

Implemented and maintained internal infrastructure and developer tooling services: Devpi, SonarQube CE, Sourcebot, InfluxDB, and NetBox. Migrated Python projects to the centralized Devpi service; after introducing Sourcebot, most developers switched to its more convenient codebase search instead of Forgejo's built-in search (a Gitea fork).

Stack:

Proxmox VE, Libvirt/KVM, Linux, Ansible, Kubernetes, Helm, ArgoCD, Docker, containerd, Jenkins, Kafka, ClickHouse, Vector, Prometheus, Grafana, HashiCorp Vault, MinIO, Harbor, Nexus, Devpi, Forgejo, SonarQube CE, Selenium Grid, NetBox, Bash, Python.

September
2020 — October
2024
4 years 2 months

Badoo Development, LLC

IT, System Integration, Internet

- Internet Company (Search Engines, Payment Systems, Social Networks, Information and Educational, Entertainment Resources, Website Promotion etc.)
- Software Development

DevOps Engineer

Operation and development of the company's high-load on-prem infrastructure and internal services: Linux servers, virtualization, Kubernetes, monitoring, automation, and CI/CD.

Operated production infrastructure based on Linux, bare metal, KVM, and Kubernetes: deployed, updated, and released internal and critical services across dev, staging, and production environments; performed node maintenance by taking nodes out of service and returning them to the cluster afterward.

Diagnosed and resolved infrastructure and service incidents: analyzed metrics, logs, and component state, localized root causes, and participated in service recovery. Took part in the on-call rotation and in improving incident-management processes.

Developed and maintained high-load monitoring based on Zabbix and Grafana: added infrastructure and service checks, eliminated flapping and obsolete triggers, configured No Data checks, and monitored Kubernetes components.

Identified risks of simultaneous unavailability of critical services due to placement on shared hypervisors, racks, network segments, and common network equipment; initiated redistribution of services across independent infrastructure nodes, improving reliability by approximately 14%.

Developed custom Python and Bash checks and tools for automating operational tasks. Implemented Google Cloud Platform cost monitoring with data sent to Zabbix, allowing cloud spending to be tracked alongside other infrastructure metrics.

Automated server and service configuration with Puppet: maintained existing manifests and added configurations for new infrastructure components.

Maintained and improved GitLab CI/CD pipelines used to build and deliver internal services to different environments.

Prepared and commissioned Linux servers: performed system configuration, connected them to monitoring and configuration management, and coordinated with data-center engineers during maintenance and hardware incidents.

Stack: Linux, Kubernetes, Docker, KVM, GitLab CI/CD, Puppet, Python, Bash, Zabbix, Grafana, ELK, Nginx, GCP, Git

December
2019 —
September 2020
10 months

IPChain Association

IT, System Integration, Internet
• Software Development

DevOps Engineer

- Incident diagnosis, resolution, and prevention
- Zabbix and Grafana operation and support
- Writing Python scripts and Ansible playbooks
- Designing, implementing, and maintaining CI/CD pipelines
- Preparing dev, staging, and production environments
- Commissioning and administering Proxmox hypervisors
- Maintaining CMDB in Jira

Education

Incomplete higher

2021
Incomplete
higher

Bauman Moscow State Technical University, Moscow
Faculty of Engineering Business and Management, Management

Skills

Languages Russian — Native
English — B2 — Upper Intermediate

Skills Linux Python CentOS Debian Git Ansible Zabbix Bash KVM
Proxmox SQL Networking MySQL Docker Docker-compose

Kubernetes

Gitlab

Nginx

DevOps

Jenkins

GitLab CI

Grafana

Apache Kafka

ArgoCD

CI/CD

Prometheus

Further information

About me

I am a DevOps Engineer with 7+ years of commercial experience. Over the past 5 years, I worked at large high-load tech companies in Europe and Russia (Badoo/Bumble, hh.ru), including international English-speaking teams.

Looking for remote opportunities - Telegram @dimaprofile