Artem Grigorev

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Profile

DevOps and SRE Engineer with 9 years of IT experience and over 6 years in software development, adept at architecting, scaling, and automating infrastructure across environments of all sizes. Deep expertise in Linux administration, networking, and security, with a strong focus on Infrastructure as Code (IaC), GitOps, and secure CI/CD pipeline development for both bare-metal and cloud platforms. Proficient in AWS, GCP, Kubernetes, Terraform, and observability tooling, with extensive experience automating workflows and developing tools in Python and Go. Committed to driving operational excellence, system reliability, and continuous improvement in fast-paced, dynamic environments.

Work Experience

05/2023 – present
Bangkok, Bangkok City,
Thailand

Senior Site Reliability Engineer
Sertis

As a Site Reliability Engineer at a consulting firm specializing in AI, machine learning, and big data, I am responsible for designing efficient, reliable, and cost-optimized infrastructure solutions. I focus on automating system operations, enhancing platform scalability and performance, and collaborating closely with engineering teams to ensure the delivery of resilient and high-quality services.

Key Responsibilities:
- Automated infrastructure provisioning, CI/CD pipelines, and system deployments.
- Ensured high availability, scalability, and performance through proactive monitoring and maintenance.
- Collaborated with engineering teams to troubleshoot production issues and implement reliability best practices.
- Built and maintained Infrastructure as Code (IaC) using Ansible, Terraform, AWS CDK, and CDKTF to enable scalable, repeatable infrastructure management.
- Participated in designing architecture solutions focused on efficiency, cost-optimization, and high reliability.
- Led incident response efforts, developed operational runbooks, and drove post-incident improvements.

12/2021 – 04/2023
Moscow, Russia

DevOps Engineer
Leroy Merlin

Contributed to the development, optimization, and ongoing maintenance of a cloud-native, low-code platform, collaborating within a high-performing, cross-functional team. Played a key role in implementing scalable, secure, and efficient infrastructure solutions to support platform growth and operational excellence.

Key Responsibilities:
- Designed and implemented CI/CD lifecycle using the Argo Stack (ArgoEvents, ArgoWorkflows, ArgoCD) for secure, scalable deployments.
- Optimized GitOps workflows with ArgoCD, ensuring seamless configuration management and continuous delivery.
- Integrated DevSecOps practices into pipelines, enhancing security across teams.
- Managed cloud infrastructure with IaC tools (Terraform, Helm, Ansible), automating provisioning and configuration.
- Developed custom exporters, scripts, and CI/CD pipelines in Python and Golang to improve efficiency and observability.
- Architected and optimized highly available, resilient infrastructures in GCP and

on-premise environments (Kubernetes, OpenStack).
- Implemented end-to-end monitoring, alerting, and observability solutions to boost system reliability.
- Collaborated with Development and Operations teams to troubleshoot complex issues and deploy solutions.
- Participated in on-call rotation for rapid incident response and minimizing downtime.

Key Achievements:
- **Migrated** CI pipelines from Jenkins to a GitOps framework (Argo Stack), reducing Time to Market and deployment risk.
- **Refactored** observability platform, replacing PostgreSQL and Cassandra with OpenTelemetry, Elasticsearch, and VictoriaMetrics, improving performance.
- **Developed** multi-layered alerting strategies and runbooks, reducing alert fatigue and MTTR.
- **Introduced** FinOps practices with OpenCost, Grafana dashboards, and optimized node scaling, achieving significant cloud cost savings.
- **Led** the development lifecycle of complex Helm charts, including CI/CD automation, testing, and documentation, enhancing deployment reliability.

03/2020 – 12/2021
Moscow, Russia

Site Reliability Engineer
Wildberries

Served as a Site Reliability Engineer in the Core Infrastructure Team for Russia's largest online retailer, responsible for designing, maintaining, and optimizing large-scale bare-metal Kubernetes and Ceph clusters to ensure high availability and performance for mission-critical applications.

Key Responsibilities:
- Designed, deployed, and managed petabyte-scale Ceph clusters for S3 Object Storage solutions.
- Managed and optimized Kubernetes clusters for production workloads, ensuring high availability and performance.
- Developed internal tools in Python to automate operational tasks and improve efficiency.
- Tuned Linux kernel and system parameters to maximize performance across infrastructure.
- Created, tested, and refactored Ansible roles and custom modules for infrastructure automation.
- Implemented best practices for Site Reliability Engineering (SRE), including SLA and SLO definition and continuous improvement of monitoring and alerting.
- Worked closely with Ops and Development teams to troubleshoot and resolve complex application and hardware performance issues.

Key Achievements:
- **Engineered** a fault-tolerant S3 Object Storage solution using Ceph, significantly improving system reliability.
- **Developed** a custom cache validation system between Nginx and Ceph S3 using RabbitMQ and a Python-based application, improving system performance.
- **Optimized** Ceph and Linux kernel configurations, improving website response times by up to 15%.
- **Designed and implemented** an API service to automate bare metal server provisioning and bootstrapping, streamlining infrastructure management for the Operations team.

12/2018 – 03/2020
Moscow

Linux Engineer
T-One Group

Working for IoT company as Linux System Administrator. Responsible for configuration, maintenance, and support of all project Infrastructure.

Key Responsibilities:
- Provisioned and maintained virtual machines in cloud environments and VMware.

Work Experience

- Managed and supported monitoring solutions, initially Zabbix, migrating to Prometheus for enhanced observability.
- Implemented automation using Bash, Python, and Ansible to streamline operational workflows.
- Administered and troubleshot databases such as MySQL, PostgreSQL, and MongoDB.
- Designed, deployed, and maintained a highly available hybrid infrastructure using BGP, MLAG, and network/application layer technologies.

Key Achievements:
- **Introduced and implemented** Infrastructure as Code (IaC) principles, creating complex Ansible roles to automate configuration management.
- **Automated** the lifecycle management (creation, backup, rollback) of databases (PostgreSQL, MySQL, MongoDB) using Python, Bash, and Ansible.
- **Migrated** monitoring systems from Zabbix to Prometheus, enhancing monitoring efficiency.
- **Implemented** centralized logging for all system components using Fluentd and Greylog, improving observability and troubleshooting capabilities.

05/2018 – 12/2018 Moscow, Russia	**Linux Engineer** **Advantum**
09/2016 – 05/2018 Moscow, Russia	**Network Engineer** **Step Logic**

Education

09/2012 – 07/2016	**Computer Science | Bachelor's degree** **National Research University of Electronic Technology (MIET)**

Certificates

01/2025	**AWS Certified SysOps Administrator — Associate** **Amazon Web Services (AWS)** https://www.credly.com/badges/8aece9fd-3454-41da-893e-b4e98a1f05fc/linked_in_profile
12/2024	**AWS Certified Solutions Architect — Professional** **Amazon Web Services (AWS)** https://www.credly.com/badges/eecc0220-a278-4592-84d7-6b3a0f3dac73/linked_in_profile
11/2024	**AWS Certified Solutions Architect — Associate** **Amazon Web Services (AWS)** https://www.credly.com/badges/5ee33bd1-0eeb-4288-a8b0-ab7d8e004854/linked_in_profile
08/2024	**Professional Cloud Database Engineer Certification** **Google** https://www.credly.com/badges/4b37feff-4b88-4c5e-904b-635cf0adf707/linked_in_profile
05/2024	**Professional Cloud Network Engineer Certification** **Google** https://www.credly.com/badges/a2fcf1da-697f-4862-9f5d-a1e0ab8085d8/linked_in_profile

Certificates

03/2024   **Professional Cloud Security Engineer**
Google Cloud
https://google.accredible.com/74aae1a8-0042-47ef-9a2c-831a72becb71

02/2024   **Professional Cloud Developer**
Google Cloud
https://google.accredible.com/df976b20-1989-4878-b789-2c5e3428ceef

01/2024   **Professional Cloud DevOps Engineer**
Google Cloud
https://google.accredible.com/f30bc014-6350-438c-bba1-f023196dd6ac

12/2023   **Professional Cloud Architect**
Google Cloud
https://google.accredible.com/43b5e63c-b998-49db-8426-c5775cd2e280

06/2023   **Associate Cloud Engineer**
Google Cloud
https://google.accredible.com/2131ce54-78a4-4dae-b553-34154e58e2d2