Maksim Merkulov

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SUMMARY

- I have 10 years of hands-on experience of troubleshooting, networks maintaining and configuration managing
- I mentor colleagues and take part as a mentor in MentorInTech mentoring program
- I'm looking for: DevOps role and the opportunity to grow expertise in automation, orchestration and cloud services

SKILLS

- **Programming**: Python, Powershell, Bash
- **CI/CD**: Git, GitLab, Ansible, Terraform, Molecule, Jenkins, HashiCorp Vault
- **Orchestration**: Docker, Kubernetes
- **Virtualization**: VMware, HyperV, Vagrant, Veeam Backup & Replication
- **Monitoring**: Prometheus, Kibana, Grafana, Opensearch, Elasticsearch
- **Clouds**: Azure, GCP, Amazon Web Services (AWS)
- **Databases**: MS SQL, SQLite, MySQL
- **Soft Skills**: Mentoring, problem solving, collaboration

EXPERIENCE

- **T-Systems ITC Iberia, S.A.U** (Security services in the ICT sector)
  Senior configuration engineer (DevOps)   *November 2022 - present*
  - **Automation**: Refactored Ansible scripts (legacy code) containing security, storage, network Linux specifications. Developed Terraform pipeline which installed Ansible server in GCP and uploaded Ansible roles, which implemented hardening of SSH and security of Linux on clients
  - **Clouds**: Developed JSON template for Azure which rapidly deploys VM and applies all the network & storage settings. Developed Ansible script which scanned active GCP VMs and made inventory for the next role execution. It excluded a human factor and improved the fast of jobs more than three times
  - **Optimization**: Analyzed ElasticSearch legacy code, updated and optimized successfully from the previous to the new version. Built a VM Base image which can be used permanently
  - **Programming**: Developed new features to the installation configuration of dashboards via OpenSearch API. Developed Ansible role which contains bash scripts ad fixed important compliance issues

- **Deutsche Telekom IT Solutions, LLC** (Services in the ICT sector)
  Senior configuration engineer (DevOps)   *June 2021 - November 2022*
  - **Automation**: Developed Python scripts to automate routine. One of them was developed to create users in FreeIPA via Jenkins. It simplified adding new users and saved time for Ops team (from 5 minutes to one click)
  - **Monitoring**: Developed a dashboard (Grafana) to monitor customer service availability. The current service availability score is 92.5 of 100
  - **Release management**: Analyzed and documented full release process from idea to release of a new version of the system, shared knowledge with colleagues
  - **Mentoring**: Trained new members of the team to work effectively with networks, virtual machines, cloud services, VPN, Jenkins, Grafana, Vault
  - **Other**: Managed Jenkins, HashiCorp Vault, Terraform, Gitlab, deployed services via Kubernetes and Docker, configured Helm Charts

- **TI Fluid Systems, LLC** (Automotive fluid systems for automotive manufacturers)
  DevOps specialist   *Sep 2018 - June 2021*
  - **Infrastructure support**: Supported as a part of IT department (three specialists) two plants in Russia and infrastructure departments abroad (600 employees)
  - **Automation**: Developed a data analysis program in Python and set Powershell scripts to gather information. It increased local storage space by almost 40% by deleting old files and cleaning up obsolete ones on a monthly basis
  - **Network optimization**: Built and organized the network structure and security system for manufacturing. That significantly improved the security control and production quality
  - **Equipment configuration**: Configured specific equipment: assembly manufacture robots, access control systems, video surveillance systems, production printers and scanners

- **Federal Taxation Service** (IT systems on taxes and duties for government)
  Lead IT specialist   *July 2015 - Sep 2018*
  - **IT support**: Supported users, configured network equipment, worked with tasks related to telephony. Have been promoted from IT specialist to Lead IT specialist position after a six-month timeframe for exceeding goals
  - **Process optimization**: Implemented support ticketing system (helpdesk) to track user issues. It allowed to accelerate the worksflow for all grades of IT support
  - **Other**: Managed backups, upgraded network equipment, IP telephony system

EDUCATION

- **EPAM systems** (Saint Petersburg, Russian Federation)
  DevOps in BigData Training - 17-week training for System engineers in Data   *2021*
  Stack: *HyperV, Ansible, Jenkins, Docker, Linux (Bash), Hadoop, NoSQL*

- **State University of Aerospace Instrumentation** (Saint Petersburg, Russian Federation)
  Specialist (equals to MEng), Information&Communication Systems Department   *2009 - 2014*
  Graduation thesis: *Software module to provide web content copy protection*

INFO

- **Languages**:   English (Fluent)
- **Hobbies**:   Water-related (PADI OWD, open water swimming, kayaking, underwater rugby)