ALEKSANDR

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WORK EXPERIENCE

Mobile Operator — Moscow, Russia
Senior Devops Engineer — Aug 2020 - Present

- Built a team of 5 people to develop monitoring templates for product teams, reducing the time it takes to put services into monitoring by a factor of ten, implementing over 20 roles in Ansible and 20 CI/CD in GitlabCI for installation in k8s/docker/VM.
- Implemented the GitFlow approach in the product team, reducing TTM by 3 times and increasing the quality of builds, moving more than 30 projects to this workflow using Jenkins and then GitlabCI + ArgoCD.
- Deployed a centralized monitoring environment(Grafana, Prometheus, VictoriaMetrics) and logging environment(ElasticSearch, Fluent-bit, Kibana). Which gathers system metrics, runtime metrics and log data from docker containers in k8s clusters.
- Deployed and administered 4 k8s clusters totaling 150 bare-metal hosts, > 100 services, > 4000 pods, > 5Mops/s, > 25PB/day
- Conducted 50+ technical interviews with candidates, helped with on-boarding new colleagues

Bank from top-10 — Moscow, Russia
Head of Monitoring Direction — Aug 2019 - Aug 2020

- Conducted an audit of the bank's monitoring systems (include >2500 servers, >100 corporate systems)
- Developed and defended a new centralized monitoring scheme based on Zabbix, Prometheus, ELK to the bank's architecture committee.
- Deployed a centralized monitoring environment (Zabbix, Promethes, ELK) and carried out the migration of all monitoring objects to new system.
- Organized and carried out pilots of Dynatrace, Riverbed, APPDynamics systems on the current bank infrastructure.

Payment System — Moscow, Russia
Head of Payment System Operation — Oct 2016 - Aug 2019

- Management of subdivision (10 people), including: hiring, training, setting tasks and control over fulfillment
- Increased the stability of the system when rolling out releases, the number of rollbacks decreased by half, the reason for building an approach to testing and control of the tests conducted.
- Organized the migration of services from their own architecture to the cloud, reducing the number of incidents due to equipment failure by half and optimizing the budget of the IT department.

Mobile Operator — Moscow, Russia
Senior Specialist — Jul 2013 - Oct 2016

- Optimized the sms-antifraud system, reducing the response time from 5 minutes to 30-40 seconds by refining SQL queries to Oracle.
- Automated the pre-billing process for partners, reducing the calculation time by 3 times by converting calculations from Excel to SQL.
- Administered the billing system of a cellular operator with more than >3K plans, >100M customers

SKILLS

Containerization:	Docker, Kubernetes, Harbor, Nexus, Helm, Artifactory
CI/CD:	Jenkins, Gitlab CI, ArgoCD
Monitoring&Logging:	Prometheus, VictoriaMetrics, Grafana, Zabbix, ELK, Fluent-bit
Automation/Programming:	Ansible, Bash, Python, SQL
Other:	Apache Airflow, Flink, Hadoop, Minio, Ceph, Vault, Consul

EDUCATION

Yaroslavl 'Demidov' State University — Yaroslavl, Russia
Specialist of Applied Mathematics and Information Science — Sep 2002 - Jul 2009