

Mikhail Tiurin



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Contact Information

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Objective

Experienced SRE, Senior DevOps, and Team Lead specializing in system engineering and DevOps. Seeking challenging roles with full-time work opportunities.

Work Experience

Easybrain, DevOps Lead Engineer, Cyprus

Mobile Gamedev company part of Embracer holding. 1.5kk downloads.

October 2020 – Present

Stack:

- IBM Cloud Classic
- Bitbucket
- AWS
- Terraform
- Puppet
- LXD/LXC
- MySQL, MongoDB, PostgreSQL, Redis, Kafka
- Grafana, VictoriaMetrics, Alertmanager
- Kibana, ElasticSearch, Vector, Beats
- CloudFlare Stack
- Python
- Golang

Responsibilities:

- Provide full-cycle infrastructure services from OS system engineering to architectural proposals.
- Focus on stability and issue prediction.
- Leading team of 7 Senior DevOps Engineers and 1 CISO.

Achievements:

- Improve overall API stability up to 99.999 by implementing spreaded failover with autohealing.
- Improve observability with 6+ custom monitoring solutions in-house developed.

Grid Dynamics, Senior BigData DevOps, Saint-Petersburg

Company outsource and outstaff IT expertise over the world

February 2019 – October 2020

Stack:

- Bare-metal servers in 7 datacenters spreaded by geo.
- Github
- Cloudera Hadoop
- Airflow
- Spark
- HBase
- Vertica
- Snowflake
- AWS (EC2, S3, EMR, EKS, Kinesis, SQS, SNS)
- Terraform
- Puppet
- Ansible
- Chef
- Kafka
- MySQL, MongoDB, PostgreSQL, Redis, Kafka
- Grafana, Prometheus, Alertmanager

- Kibana, ElasticSearch, Beats
- Python

Responsibilities:

- Maintain ETL pipeline with subsequent aggregations.
- Improve performance and sustainability of pipeline applications by code fixes.
- On-call incident response team.

Achievements:

- Implemented strict typing constraints for python 2.7 ETL components.
- Migrated 30% codebase to python 3.
- Improved Fraud-detection application performance from 25h/run to 3min/run.

LLC Avtodor Trading Platform, DevOps, Moscow

Online Trading/Tendering Platform

June 2016 – March 2021

Stack:

- Bare-metal HPE servers
- HPE Storage and networking
- Terraform
- Ansible
- Hashicorp nomad
- Hashicorp consul
- MySQL, PostgreSQL Patroni, Redis
- Self-Hosted k8s
- Gitlab
- Sentry
- Grafana, Prometheus, Alertmanager
- Golang

Responsibilities:

- Service software and hardware, monitor incidents, provide CI/CD
- On-call L3 support, on-site incident response person
- Infrastructure architect

Achievements:

- Built infrastructure from scratch and upgraded 2 times to the most advanced stack
- Cover most of the workflows with the CI/CD
- Achieved 100% SLA in 2018.
- Held the state certification of the infrastructure

JSC TEK-Torg, Information Technology consultant, Moscow

State trading/tendering platform

February 2019 – May 2020

Responsibilities:

- Consulted on infrastructure design and implementation.
 - Took part in incident response calls
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JSC "TEK-Torg", Head of IT Department, Moscow

State trading/tendering platform

October 2015 – March 2019

Stack:

- Bare-metal DELL servers
- DELL Storage, Brocade access layer
- Gitlab
- Ansible
- PostgreSQL
- Docker CE
- Sentry
- Zabbix
- Atlassian Jira/Confluence
- Golang
- Python

Responsibilities:

- Service software and hardware, monitor incidents, provide CI/CD
- On-call L3 support, on-site incident response person
- Infrastructure architect
- Leading team of 3 OPS and 4 DevOps Engineers

Achievements:

- Has been carried out hand over services from previous service contractor.
 - Infrastructure has been rebuilt from scratch with Docker and CICD.
 - Observability migrated and improved with Zabbix and custom automations.
 - Developed and deployed service for cryptographic validations.
-

Lexpro Software Development LLC, Senior System Administrator, Moscow

Developer of Legal legal-consulting online and offline platform

October 2009 – October 2015

Stack:

- PostgreSQL

- Self-hosted SVN and GIT
- C/C++
- SVN
- GIT
- OpenVZ Containers
- Zabbix
- ElasticSearch
- SphinxSearch
- Python
- Perl
- Siemens S2000

Responsibilities:

- Leading the team of 3 OPS and 7 DevOps Engineers
- Plan IT budget
- Manage all infrastructure and delivery pipelines.
- Hold code quality and security assessment.

Achievements:

- Migrated from MS Stack to Linux
- Architected web version of the product
- Created portable in-house web-version for contractors

LLC "Degriz Holding", System Administrator, Moscow

Coffee manufacture with the LeCafe brand

April 2008 – October 2009

Stack:

- Windows Active Directory
- Linux Gateway
- Zabbix
- Java
- Panasonic TDX 200
- Asterisk

Responsibilities:

- Supported office infrastructure and web resources.

Achievements:

- Developed accounting software with Java and Swing
- Migrated workstations from MS Windows to Linux
- Developed and implemented custom CCTV with Java

OOO "UnionLine", System Administrator & Head of Helpdesk, Moscow

Internet Service Provider

July 2007 – October 2007 & September 2005 – July 2007

Responsibilities:

- Maintain networking infrastructure and services
- Lead on-call support team of 20 people.
- Manage support forum
- Manage telephone SIP cluster.

Achievements:

- Automated hardware deployment with perl
- Rewrote accounting with bare php4 and postgresql

OOO "Texcis Services Int.", Logistics Manager, Moscow

OIL and Gas equipment spare parts supplier

May 2005 – July 2005

Responsibilities:

- Managed equipment delivery logistics.

Education

Bachelor in Business Informatics, Institute for Professional Innovation, 2014

Networks and Communication Systems, College of Moscow Technical University of Communications and Informatics (MTUCI), 2005

Professional Development Courses

- AWS Certified Solutions Architect – Associate (2020)
- GridU, DevOps to Infrastructure Engineer - AWS (2019)
- Big Data University, Various Courses on Hadoop and Apache Pig (2019)
- Security Certified Architect (2017)
- Java Developer (2015)

Skills

Cloud Platforms

- IBM Cloud Classic
- AWS (EC2, S3, EMR, EKS, Kinesis, SQS, SNS)
- CloudFlare Stack

Version Control

- Bitbucket

- GitHub
- GitLab
- Self-hosted SVN and GIT

CI/CD Tools

- Jenkins Pipelines
- Gitlab Pipelines
- Bitbucket Pipelines
- Github Actions

Infrastructure as Code

- Terraform
- Puppet
- Ansible
- Chef
- Hashicorp Nomad
- Hashicorp Consul

Containerization and Orchestration

- LXD/LXC
- Self-Hosted k8s
- Docker CE
- OpenVZ Containers

Databases

- MySQL
- MongoDB
- PostgreSQL
- Redis
- Kafka
- HBase
- Vertica
- Snowflake
- SphinxSearch

Monitoring and Logging

- Grafana
- VictoriaMetrics
- Prometheus
- Alertmanager
- Kibana
- ElasticSearch
- Vector
- Beats
- Zabbix

- Sentry

Big Data and Analytics

- Cloudera Hadoop
- Airflow
- Spark

Programming Languages

- Python
- Golang
- C/C++
- Perl
- Java

Project Management and Collaboration

- Atlassian Jira/Confluence

Other

- Bare-metal servers in 7 datacenters spreaded by geo
- Siemens S2000
- Panasonic TDX 200
- Asterisk
- Java
- Perl
- SVN
- GIT
- OpenVZ Containers
- Zabbix
- ElasticSearch
- SphinxSearch
- Python
- Perl

Languages

- Russian — Native
- English — C1 — Advanced

Additional Information

- Driver's license category B, C