

# Stan Bogatkin

SOFTWARE ARCHITECT · PRINCIPAL DEVOPS ENGINEER

somewhere between Russia and Vietnam

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“Nothing is impossible. The impossible just takes a little longer.”

## Skills

<b>Network core</b>	Proficient knowledge of TCP/IP stack
<b>Security core</b>	Firewall, IPSEC/VPN, SSL/TLS, RB/Mandatory access contols
<b>Monitoring and logging</b>	Victoriametrics, Prometheus, Sensu, rsyslog/syslog-ng, Grafana, ELK/EFK, Nagios, CollectD
<b>Time-Series Dbs</b>	VictoriaMetrics, Graphite (whisper), Prometheus Carbon, TimescaleDB
<b>Clouds experience</b>	OpenStack, Azure, AWS
<b>Container-related tools</b>	Docker, Podman, Kubernetes
<b>Linux core expertise</b>	Network stack, FS, kernel tracing, automating, monitoring etc.
<b>Provisioning and deploy</b>	Ansible, Puppet, MaaS, Fuel
<b>IaaS tooling</b>	Terraform, Pulumi
<b>Development</b>	Python, Java Core + Android, Ruby DSLs, Shell scripting
<b>Software Design</b>	Design patterns, Architectural pattens (CLEAN, VIPER, MVP etc.)
<b>Software Management</b>	JIRA, Trello, Slack, Confluence, Redmine
<b>CI/CD and tools</b>	Jenkins, Gitlab, TravisCI, Github Actions, CircleCI, BitBucket, plain Git
<b>Spoken Languages</b>	English, Russian

## Experience

### Tinkoff bank

PUBLIC CLOUD LEAD

- Manage public cloud company leadership

[tinkoff.ru](https://tinkoff.ru)

Oct 2022 - Current

### Tinkoff bank

SOLUTION ARCHITECT

- Improve processes in public cloud area

[tinkoff.ru](https://tinkoff.ru)

Mar 2021 - Oct 2022

### CoderShip

DEVOPS ENGINEER

- Migrate from old deployment system to automated new one
- Ensure automation for testing, packaging and deployment of upstream MySQL/Galera
- Support and develop existing CI/CD system
- Implement new infrastructure features

[galeracuster.com](https://galeracuster.com)

Nov 2019 - Feb 2022

### 360tv

SRE

- Created CI/CD system based on Jenkins
- Created automated monitoring and support of internal infrastructure services
- Automated infrastructure changes deployment based >on Ansible stack
- Created backup system for tens of DBs and more than 500Gb files
- Maintain most popular TV website of Moscow Region
- Implemented internal solution to work with git repositories
- Implemented and maintain infrastructure for more than 10 external projects
- Implemented set of internal storages - Git, NPM, Docker registry

[360tv.ru](https://360tv.ru)

Jun 2017 - Current

## Oom.ag

[oom.ag](http://oom.ag)

### SOLUTION ARCHITECT

Mar 2021 - Current

- Moved company projects from Github/Travis CI stack to GitLab stack
- Grow ops team from zero to hero
- Implement private docker registry with images security audit
- Moved from Ansible-based deployments to Docker-based ones
- Started moving services to k8s
- Implement IaaS - first on Terraform, moving to Pulumi
- Implement HA monitoring based on VictoriaMetrics
- Implement HA secrets storage based on Hashicorp Vault
- Increase products availability

## Oom.ag

[oom.ag](http://oom.ag)

### SRE

Jun 2017 - Mar 2021

- Created CI/CD system based on TravisCI/AWS CodePipeline
- Created automated monitoring and support of internal infrastructure services – hundreds of metrics per minute
- Fully automated infrastructure changes deployment based on Ansible stack
- Maintain deployment tools as simple as possible, help developers to learn Ops stuff
- Implemented PCI DSS requirements to pass external audit
- Implemented centralized logging solution from scratch
- Implemented centralized backup solution from scratch

## GoDaddy

[www.godaddy.com](http://www.godaddy.com)

### SRE

Jun 2017 - Mar 2021

- Developed internal servers capacity extraction tool
- Developed internal capacity exhaustion prediction tool
- Improved ElasticSearch Kibana Dashboards to look at servers capacity and trends
- Created automated key rotation mechanism for Vault-encrypted files
- Created automation jobs to extract clusters info from OpenStack API
- Upgraded existing Kolla repos to upstream while saved downstream work
- Gradually onboard several new team members from zero to hero
- Developed automatic tooling to issue TLS keypairs via different sources
- Planned new log ingestion tooling and implement part of it
- Moved internal tools from Python 2 to Python 3 codebase
- Maintained existing internal cloud
- Created and improved internal cloud services
- Participated in On-call rotations and Incident call handling

## Billionapp

*Does not exist anymore*

### DEVOPS ENGINEER

Jun 2017 - Nov 2018

- Created CI/CD system based on Jenkins from scratch
- Created semi-automated monitoring and support of internal infrastructure services – Jira, BitBucket, Confluence, Mail services
- Dramatically increased time to deliver company services to production – from weeks to hours
- Fully automated infrastructure changes deployment based on Ansible stack
- Moved all company services from Docker Swarm to Kubernetes

## Mirantis

[www.mirantis.com](http://www.mirantis.com)

### SENIOR DEPLOYMENT ENGINEER

Jun 2014 - May 2017

- Developed Puppet manifests to deploy maintenance updates of Mirantis OpenStack cloud clusters
- Maintain deployment manifests of already shipped releases of Mirantis OpenStack
- Developed and backported a lot of patches for Mirantis OpenStack cloud components
- Developed full-fledged cloud product TLS security solution
- Developed fast and robust time sync cross-cluster solution
- Participate in developing internal cloud solution for fast deployment (speed up deployment time 5-10 times)
- As a core reviewer in Fuel Library project done product code reviews (1st product 2017 reviewer and 1st 2016/2017 Fuel-library core component reviewer by number of reviews done)

## PAO Armada (former RBC-Soft)

[pao-armada.ru](http://pao-armada.ru)

### PRINCIPAL ENGINEER

2013 - June 2014

- Developed and integrated distributed software system for customer needs
- Developed technical documentation according to government standard
- Created internal IT support subsidiary for project needs

## M-Reason

[m-reason.com](http://m-reason.com)

### ENGINEER

2011 - 2013

- Restructured network solutions, created external VPN for all subsidiaries
- Created SSO and automated external software integration into it

## JSC Sigma

ENGINEER

*Tambov, Russia*

*2006 - 2011*

- Unified network scheme across all company branches
- Develop and integrate corporate mail/antivirus/antispam solutions
- Created and supported mobile trading system for internal company needs

## Training & Certifications

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### INTERNATIONAL

2011	<b>Certificate</b> , Cisco CCNA	<i>Russia, Moscow</i>
2016	<b>Certificate, 860 points</b> , TOEIC	<i>Russia, Moscow</i>
2021	<b>Course</b> , AWS Cloud Practitioner Essentials	<i>Russia, Moscow</i>
2021	<b>Course</b> , AWS Certified Security - Specialty	<i>Russia, Moscow</i>
2022	<b>Course</b> , AWS Certified Solutions Architect - Associate	<i>Russia, Moscow</i>

## Education

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### Tambov State Technical University

MASTER OF COMPUTER SCIENCE AND ENGINEERING

*Tambov, Russia*

*Sep. 2005 - Jun. 2011*

- Got a speciality in informational systems and technologies