

# Igor Lovalev

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*DevOps engineer based in Wrocław, Poland, CET*

[Email](#) / [Website](#) / [GitHub](#)

## Objective

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Highly skilled and motivated Site Reliability Engineer (SRE) / DevOps with more than 10 years of experience in designing, building, and maintaining highly scalable and reliable systems.

## Skills

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- Programming Languages: Perl, Python, Golang, Shell scripting
- Cloud Technologies: Yandex cloud, Digital Ocean
- Containerization and Orchestration: OpenVZ, Docker, Kubernetes, Podman, LXC, nspawn
- Virtualization: KVM, VMware ESXi, Xen, Virtuozzo
- Infrastructure as Code (IaC): Puppet, Ansible, Terraform
- Continuous Integration/Continuous Delivery (CI/CD): Jenkins, Github/GitLab CI/CD
- CI/CD Sec: SonarQube, FindSecBugs, Checkov, OpenSCAP, Vuls, gypse, Trivy, clair, Falco, syft, cosign
- Monitoring and Alerting: Nagios + mrtg, Zabbix, Prometheus, Grafana, ELK Stack
- Databases: MySQL, PostgreSQL, Oracle, MongoDB, ClickHouse, Redis/Memcached, tarantool
- Load balancing: LVS, haproxy, nginx, maxscale
- High availability: RHCS, Corosync/Pacemaker, keepalived/VRRP
- Networking: Cisco, Juniper, Brocade
- VoIP: Kamailio, asterisk
- Collaboration and Communication: Jira, Confluence

## Certifications

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- Cloud Services Engineer, Yandex Ltd, 16.05.2024
- Completion of the course "celestial mechanics", ITMO University, 10.06.2015
- Engineering, SPbPU University, 11.05.2015
- SQL server for beginners, UDEMY, 13.03.2015
- SQL language online course, UDEMY, 13.03.2015
- M202: MongoDB Advanced Deployment and Operations, MongoDB University, 26.02.2015
- LFS101x.2: Introduction to Linux, edX.org, 02.02.2015
- Programming for Everybody (Python), coursera.org, 12.01.2015
- Introduction to Linux, stepik.org, 10.12.2014
- VoIP course for beginners, skillfactory, 06.12.2014

- LFS101x: Introduction to Linux, edX.org, 15.08.2014
- Technical specialist Radmin, RADMIN, 17.01.2014
- Technical specialist ESET, ESET NOD32, 24.12.2013
- M102: MongoDB for DBAs, MongoDB University, 26.11.2013
- Competition: "System Administration PRO", IT Starz 2013, 27.09.2013

## Experience

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### VoIP Service Provider

#### Site Reliability / DevOPS Engineer, 2018 - Present

- Implemented infrastructure automation using Puppet and Ansible, reducing manual provisioning time by 70% and improving consistency across environments.
- Designed and built scalable pacemaker/corosync clusters for deploying (micro)services, containers and virtual machines, improving application scalability and fault tolerance.
- Developed and maintained CI/CD pipelines using Jenkins and GitLab CI/CD, enabling automated building, testing, and deployment of applications.
- Implemented monitoring and alerting solutions using Prometheus, VictoriaMetrics, Grafana, and ELK Stack, enabling proactive issue detection and reducing mean time to resolution.
- Collaborated with development teams to improve application performance and reliability through performance tuning, load testing, and code optimization.
- Led incident response and troubleshooting efforts, ensuring timely resolution of critical incidents and minimizing downtime.
- Conducted Chaos Engineering experiments to proactively identify system weaknesses and improve resilience.
- Participated in on-call rotations, responding to incidents and performing root cause analysis to prevent recurrence.

### Large regional Internet Service Provider

#### Duty Engineer (SRE), 2012-2017

- Managed infrastructure on bare metal installed in our own data centers, ensuring high availability, scalability, and security.
- Automated infrastructure provisioning and configuration using Puppet and Ansible, reducing deployment time by 50% and improving infrastructure consistency.
- Implemented centralized logging and log analysis using rsyslog, improving troubleshooting and monitoring capabilities.
- Worked closely with development teams to implement performance monitoring and optimization strategies.
- Collaborated with security teams to implement and maintain security controls and ensure compliance with industry standards.
- Conducted disaster recovery planning and testing exercises to ensure business continuity.

## Local private trading company

### System/Network Administrator, 2006-2008

- Simple computer network management for about 30 hosts
- Windows AD administrating

## Languages

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- Russian: Native
- English: B1
- Polish: B1

## References

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Available upon request

Actual version of this file, you can find here: <https://iglov.github.io/cv>