**Sergei Kozlov**

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Toronto, ON

**SUMMARY**

Certified and industrious IT professional with 16 years of experience managing high-availability server infrastructures comprising over 9,000 CPUs in the banking and energy sectors. Skilled in software development and operations, currently focused on delivering and deploying cybersecurity software releases for one of the world's largest banks.

**TECHNOLOGICAL SKILLS**

• Linux Windows Servers • Kubernetes • Jenkins • Ansible • Apache Flink • Active Directory   
• Zookeeper • Information Security • Exchange Server • Virtualization • ELK Stack • Grafana

**PROFESSIONAL EXPERIENCE**

**Lead DevOps Engineer Dec 2024 – Present**

**Sberbank, Ryazan, Russia**

* Designed and implemented CI/CD pipelines using Jenkins and Groovy, reducing deployment times by 12%.
* Engineered and optimized OpenShift-based container orchestration in a high-availability cluster, enabling seamless deployments.
* Engineered and maintained real-time data streaming pipelines using Apache Flink and Kafka, efficiently processing over 7 million events per second, reducing latency by 6%.
* Engineered and optimized a high-performance ClickHouse cluster of 150 servers managing 5 petabytes of data, integrating Zookeeper for distributed coordination, ensuring high availability and fault tolerance for mission-critical analytics.
* Implemented monitoring and logging solutions using tools like Prometheus and Grafana, leading to a 16% reduction in incident response times.
* Developed and automated DevOps workflows using Python, Shell scripting, and Groovy, reducing deployment time by 50% and streamlining CI/CD pipelines for seamless software delivery.

**System Administrator Oct 2013 - Dec 2024**

**GEH TER (branch), Novomichurinsk, Russia**

* Developed and implemented Ansible playbooks for application deployment automation, reducing deployment time by 50% and decreasing errors by 30%.
* Successfully deployed and configured a Zabbix monitoring system integrated with Prometheus for 161 geographically distributed hosts, which centralized metric collection and improved critical service availability by 25%.

**EDUCATION**

**Ryazan College of Electronics, Ryazan, Russia 2002 – 2006**

Degree: College Diploma (three years) GPA: 3.76 / 4.00

Major: Computer Systems and Networks Maintenance Technology (diploma with distinction)

Language Skills: • English – Fluent, • Czech – Intermediate • Russian – Native

**CERTIFICATIONS**

* [**International Academic Qualifications**](https://badges.wes.org/Evidence?i=f47b9932-dcd6-4993-aa3d-d5ca1e8d8d2f&type=ca)**,**  
  Issued by World Education Services (WES), Toronto, Canada **Oct 2023**
* [**International English Language Testing System (IELTS)**](https://sergeykozlov.ru/TR00223506632-10-02-2024-ETRF.pdf)**,**  
  Issued by British Council, Istanbul, Turkey  **Feb 2024**

**SOFT SKILLS**

• Project management • Problem-solving • Communication • Risk management • Teamwork   
• Determination • Mentoring

**PERSONAL PROJECT**

* Created a network of Docker clusters in Europe and the USA, using programming skills, Amazon AWS, Azure, DevOps, developed a full-fledged video hosting service [www.vide.me](https://vide.me/) which is used by thousands of users.

**PROFESSIONAL DEVELOPMENT**

* [**Advanced Kubernetes Operators**](https://www.credly.com/badges/bb6cebda-08cd-46bc-b180-2002cf16c0a4/public_url)**,** course from **IBM April 2025**
* [**Intermediate Kubernetes Operators**](https://www.credly.com/badges/53672eb5-d2f5-42c4-891f-dfc37b6e491e/public_url)**,** course from **IBM April 2025**
* [**Beyond the Basics:   
  Istio and IBM Cloud Kubernetes Service**](https://www.credly.com/badges/5faf169f-dbbd-4982-aa37-347396671d41/public_url)**,** course from **IBM March 2025**
* [**Python Essentials 2**](https://www.credly.com/badges/5c53ca12-3098-4ac7-a182-a9663c9af233/public_url)**,** course from **Cisco March 2025**
* [**Python for Data Science**](https://www.credly.com/badges/0fc84102-5b6d-47d9-9333-1ea7d051fb42/public_url)**,** course from **IBM March 2025**
* [**Network Support and Security**](https://www.credly.com/badges/1204fa8c-4028-450b-b1cf-a28692a7ac23/public_url)**,** course from **Cisco January 2025**
* [**Simplifying Data Pipelines with Apache Kafka**](https://www.credly.com/badges/87eee3fa-a5e7-45be-b9c3-259570d34d22/public_url)**,** course from **IBM December 2024**
* [**AWS Knowledge: Cloud Essentials**](https://www.credly.com/badges/5e694540-ba36-4da2-b333-1c68efc87754/public_url)**,** course from **Amazon AWS July 2024**
* [**AWS Knowledge: Architecting**](https://www.credly.com/badges/7b54a75f-a1c2-4f7a-a1c5-d4452818f9f8/public_url)**,** course from **Amazon AWS August 2024**
* [**IBM Cloud Essentials**](https://www.credly.com/badges/df3d9d45-dff7-47cc-b80b-37307be60230/public_url)**,** course from **IBM August 2024**
* [**Containers & Kubernetes Essentials**](https://www.credly.com/badges/98bc128c-ea37-4b8a-a333-c8b671401c1c/public_url)**,** course from **IBM September 2024**
* [**Enterprise Security in Practice**](https://www.credly.com/badges/65ab72ae-8273-487f-a69c-9a7b7a6267bc/public_url)**,** course from **IBM September 2024**
* [**Ethical Hacker**](https://www.credly.com/badges/b1969e00-9bf9-44f0-925c-63f48a1335cf/public_url)**,** course from **Cisco July 2024**
* [**Endpoint Security**](https://www.credly.com/badges/7177ed6a-04f3-4289-84e1-751e9706ebe5/public_url)**,** course from **Cisco July 2024**
* [**Network Defense**](https://www.credly.com/badges/27f48644-532b-4bfc-98aa-2b4140fe7bed/public_url)**,** course from **Cisco July 2024**

**VOLUNTEER WORK**

* Over the past 3 years, trained 4 student programmers for various industries as a mentor. All students successfully completed their studies and earned diplomas.