Vitaly Bicov

DEVOPS LEAD, 14+ YEARS EXPERIENCE

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About

I'm a DevOps Lead with 14+ years of commercial experience. I've worked in large teams of up to 26 members as well as solo, both remotely and on-site. I have 7+ years of leadership experience as a Team Lead, Tech Lead, and Engineering Manager. I specialize in optimizing high-load cloud systems, diving deep into Kubernetes, orchestrating with Terraform and Helm, and leading infrastructure transformations to achieve cost efficiency. I have a proven track record of guiding teams to deliver scalable, resilient solutions across AWS and GCP, consistently enhancing system reliability and performance. I've built a full delivery cycle with high test coverage, detailed analytics, and CI/CD.

With over a decade of hands-on experience, I'm passionate about driving technical excellence and fostering team growth. I'm skilled in orchestrating high-performance cloud environments using GCP, AWS, Kubernetes, Terraform, and IaC, and I specialize in transforming infrastructures for scalability and resilience.

Skills

Hard Skills: Linux, GCP, AWS, Kubernetes, Docker, Helm, Terraform, Ansible, GitOps, FluxCD, ArgoCD, GitLab, Python, Postgres, MySQL, MongoDB, Elasticsearch, ClickHouse, Kafka, Networking, Node.js, Go

Soft Skills: Leadership, Management, Problem Solving, Communication

Experience

NEON EVM | **Head of Infrastructure**   **07/2023 - present time, 2 years**

- **Led a dynamic DevOps team** in designing, implementing, and maintaining robust **AWS and GCP** infrastructure to support own blockchain product.
- **Spearheaded the adoption of DevOps best practices**, resulting in faster deployment times and increased system reliability.
- **Collaborated closely with cross-functional teams,** including software development and IT operations, to streamline communication and enhance overall efficiency.
- Developed and implemented comprehensive DevOps strategies, incorporating tools such as **Kubernetes, Helm, Docker, Terraform**
- Played a key role in the **successful migration of on-premise to cloud** resulting in improved scalability.
- **Conducted regular team training** sessions to keep team members updated on the latest technologies, tools, and industry best practices.
- Implemented automated deployment processes, **reducing manual intervention by 60%** and minimizing deployment errors.
- Proactively identified and resolved infrastructure bottlenecks, **optimizing system performance** and ensuring high availability.
- Managed budgetary aspects of cloud infrastructure, **optimizing costs** through efficient resource allocation and usage monitoring.

AUTODOC | DevOps Lead / Engineering Manager   10/2020 - 06/2023, 3 years

- **Led a comprehensive cloud infrastructure** overhaul that resulted in a **32% cost-efficiency improvement**, reducing operational expenses and reallocating saved resources to innovation projects.
- **Enhanced system scalability and resilience** by implementing Kubernetes and Helm, increasing daily transaction-handling capacity by **44%**, which supported a growing user base with zero downtime.
- **Established and led a high-performing team of 18 engineers**, implementing a knowledge-sharing program that **boosted team productivity by 23%** and **reduced onboarding time** for new hires by **29%.**
- **Orchestrated cross-functional initiatives** to implement CI/CD, enhancing deployment speed and reducing downtime by **26.5%.**

AUTODOC | DevOps Team Lead   02/2019 - 10/2020, 1,5 years

- **Grew the team from 2 to 15 members** and established a grading process for performance evaluation.
- Developed a structured knowledge-sharing framework that enhanced collaboration and **decreased project completion times by 16.5%**, fostering a proactive learning culture.
- Designed and implemented a grading system for performance evaluations, improving transparency and feedback quality, which led to a **24% increase in employee satisfaction** scores in yearly surveys.
- Orchestrated cloud resource optimization across GCP, **reducing monthly cloud costs by 26%** while maintaining service performance and scalability.

AUTODOC | Cloud Engineer   06/2017 - 02/2019, 2 years

- Developed complex Helm charts and Terraform modules for customized solutions in cloud and on-premises environments.
- Enhanced CI/CD observability and predictability, ensuring deployment processes remained consistent and reliable.
- Optimized workload management in hybrid cloud and on-premises infrastructures, ensuring high system stability.
- Implemented GitOps and advanced DevOps practices to streamline deployment and version control.

IT Program Group | Senior DevOps Engineer   04/2016 - 06/2017, 1+ year

Smashing Team | DevOps Engineer   02/2014 - 04/2016, 2 years

HIPERNET | Founder, Lead System Administrator   05/2009 - 02/2014, 5 years

Education

Slavic University of the Republic of Moldova

Master's Degree in Management, Faculty of Economics

Atlanta College of Liberal Arts and Sciences

Master of Computer Science
Master of Business Administration

Personal Brand

I have web site actively post on LinkedIn, Medium and have started a YouTube channel to answer frequently asked questions about DevOps. I'm also actively contributing to Github and participating in professional conferences.