Ivan Basamakov

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Work Experience

September 2023 – Ongoing

Transmetrics

DevOps

- Orchestrated and automated the deployment of a Kubernetes cluster on a VMWare cluster, streamlining operations and enhancing scalability, through the development of custom Bash and Python scripts, significantly reducing manual intervention.
- Conducted research and implemented ArgoCD and Calico for enhanced container orchestration and network security.
- Provided integral support in the development of a new product, implementing automated deployment processes for both production and development environments.
- Successfully upgraded hardware to align with new requirements and modern standards, ensuring optimal performance.
- Directly reported to and collaborated with senior management to achieve project goals.

June 2022 – August 2023

StorPool

DevOps

- Evaluation of hardware for a complex in-house developed software solution. Deployment of the product on a customer provided hardware. Configuration of customer's network and hardware for best performance of the software.
- Actively monitor system availability and performance metrics. React on incidents on a deep technical level, investigate and solve problems. Drive root cause analysis and follow-up improvements.

- Perform in-depth troubleshooting and log analysis to identify and solve complex support issues involving multiple software and hardware components.
- Enhance infrastructure and software monitoring by gathering system metrics and implementing new monitoring checks.
- Integrate and collaborate closely with development teams and work with them on outputs from Post Mortems and product improvements.

December 2021 – April 2022
Astea Solutions
DevOps
- Research, test, select and set-up custom highly available private cloud solution from the ground up.
- Set-up and document company device(laptops and smartphones) back-up solution
- Set and enforce cybersecurity best practices throughout the company.

March 2021 – November 2021
StorPool
Junior DevOps
- Spearheaded hardware evaluation, software deployment, and network optimization for a complex in-house solution.
- Elevated system monitoring through advanced troubleshooting, root cause analysis, and implementation of new checks.
- Collaborated seamlessly with development teams, contributing to Post Mortems and driving product enhancements.

June 2020 – February 2021
SmartCode
Junior DevOps
- Deployment and management of complex cloud-based microservice applications using Terraform and Ansible for end-to-end set up.
- Manually implement new versions of different services with no downtime.
- Update IaC code-base to latest versions of Terraform and Ansible.
- Actively develop new monitoring checks.
- Responsible for providing 24/7 operational support.

Skills

- Programming in C++ (intermediate), Golang (beginner), JavaScript (beginner), NodeJS (beginner), PHP (beginner), Python (beginner), Java (beginner).
- Linux System Administration (RHEL and Debian).
- Configuration of Apache and Nginx web servers.
- Scripting with Bash.
- Configuration and management of SQL (MySQL, PostgreSQL, MariaDB), NoSQL (MongoDB) and in-memory (Redis) databases.
- Monitoring with Nagios, Icinga2, Prometheus, Grafana and in-house developed solutions.
- Automated provisioning, deployment and configuration of various software solutions with Terraform and Ansible.
- Containerization with Docker and Kubernetes.
- TCP/IP.
- Computer hardware.
- Type-1/Type-2 hypervisors.

Education

September 2015 – May 2020

PPMG "Geo Milev"

High School Diploma – Informatics and mathematics with English

Extracurricular activities

- Since 2019 - Volunteering as part of the audio-video (AV) and Logistics teams at OpenFest
- Since 2020 - Volunteering as part of the audio-video (AV) / Streaming team at FOSDEM
- Since 2021 – Volunteering at QA/DEV Challenge Accepted
- 2022 – Volunteering at Hills of Rock (Sofia and Plovdiv)
- 2015 – 2020 - Volunteering as president of the student's council in high school

Hobbies and passions

Computers

Programming

Reading books

Aviation and Automotive