Aleksandr Chapkin

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Reisei (*Telegram*) • reisei.ru
Russian (*mother tongue*), English (*full professional proficiency*), German (*actively learning*)

Since the start of my career I like working with GNU/Linux and now I have more than 10 years of experience in configuration and troubleshooting of that operation system.

Several years ago I found out about DevOps methodology and since when I adopt it and actively trying to use in system administration and software development with the help of 12 factor app manifesto. I have proficiency in Kubernetes and able to migrate application to it with k8s-specifics in mind.

I'm familiar with Python programming language and able to write different kind of applications: reports, bots and API.

Skills

- Infrastructure design with high availability and high load consideration
- Different Linux distro administration: Ubuntu, Debian, CentOS, Gentoo, CoreOS
- Experience with application dockerization with perfomance in mind; able run or transfer application to Kubernetes or docker swarm
- Expertise in Kubernetes: managed or self-hosted
- Proficiency in Jenkins and Gitlab CI/CD: setup, fine tuning, implementation of different kinds of git workflow
- AWS, Azure, GCP, Hetzner, Scaleway cloud providers
- KVM, VMware, Hyper-V Virtualization knowledge
- Zabbix, Prometheus monitoring systems, Grafana visualisation application
- ELK stack, Graylog
- I'm familiar with Postgres and MySQL databases from the sysadmin perspective
- Postfix and Exim4 configuration with spamassasin/dovecot
- Bash, Python programming languages

Experience

Spark Networks (Berlin, Germany) *Sep '22 – Present*
DevOps Engineer / SRE

- ArgoCD implementation
- Wrote tests for custom terraform module with Terratest
- Adding new features and fixes to the Gitlab CI/CD pipelines and ansible playbooks
- Migration applications to the kubernetes

Abbyy (Moscow, Russia) *Oct '20 – Sep '22*
DevOps Engineer

- Maintenance and improvement of the Kubernetes monitoring with Elasticsearch, Fluent Bit and Kibana
- Transition to Opendistro/Opensearch: architecture design and implementation
- Implementation of Distributed Tracing infrastructure
- CI/CD pipelines for different projects: multi-architecture application, pipelines for install/upgrade k8s services
- Writing ansible playbooks and helm charts

Dvhb (Moscow, Russia) *Dec '17 – Oct '20*
System Administrator

- Transition to Docker
- Adoption of the Kubernetes and projects transition to it.
- CI/CD pipelines in Gitlab and Jenkins for team git workflow, Sentry setup and configuration
- Jira and Confluence support: custom workflows configuration with Scriptrunner, troubleshooting, migration, upgrade.
- Creation of internal Slack bots and applications.
- Routine servers update and support.

Tensor (Yaroslavl, Russia) *Dec '16 – Dec '17*
Junior Software Developer

- Python Development Practice

Idfly (Novosibirsk, Russia)   *Mar '16 – Dec '16*
System Administrator

- Application dockerization
- CI/CD pipelines creation in Jenkins
- MySQL and Postgres database management (setup, replication, dump and restore)
- Maintaining, development team support
- Internal software development tasks

I-camp Engineering (Yaroslavl, Russia)   *Oct '11 – Dec '15*
System Engineer

- Linux configuration for custom ARM devices, cross-compilation of the necessary packages and libraries for the company's smart home application, fine tuning of the peripherals drivers
- Servers administration for the development team (Jenkins configuration and pipelines writing, Postgres administration)
- Creation of the custom update procedure for the company's app
- Redmine setup and configuration for the development process
- Office system administration: Windows Server (AD, DNS, Hyper-V Virtualization), IP-Telephony (AGAT UX-2210), CCTV, helpdesk

Olimpiya Consulting (Yaroslavl, Russia)   *Sep '10 – Oct '11*
System Administrator

- Servers configuration and maintaining
- Support of the company services: internal communications (Jabber, Asterisk, Kannel), several web sites, mail server (Postfix + Dovecot + Spamassassin), custom CRM application with Firebird database
- Samba3 Windows domain
- Redmine integration to company's processes
- Helpdesk

Education

Yaroslavl Demidov State University (Yaroslavl, Russia)   *2004 – 2009*
Specialist degree in Microelectronics and Semiconductor Devices