Chernozipunnikov Nikita

me@nikita.sh — *preferred means of communication*
Another site: https://nikita.sh

Reside in: Saint Petersburg
Citizenship: Russia, work permit at: Russia Ready to
relocate, not ready for business trips

Desired position and salary

DevOps / SRE

Specializations:
— System engineer
Employment: full time
Work schedule: remote working, full day
Desired travel time to work: any

Work experience — 8 years 1 month

January 2021 —
June 2022
1 year 6 months

EPAM Anywhere
Moscow, anywhere.epam.com
IT, System Integration, Internet
• System Integration, Technological and Business Processes Automation, IT Consulting

Systems Engineer

— Supporting development and release of the Biotech solution from MVP to a production readiness level
— Designing Serverless AWS architecture in collaboration with Solutions Architect
— Automating CI/CD procedures from scratch
— Provisioning AWS infrastructure with IaC
— Implementing and fine-tuning strict security policies for compliance
— Singlehandedly taking responsibility for the whole infrastructure and automation
— Battling off the enterprise bureaucracy

Tech: AWS (Cloudformation, Lambda, IAM, ECS, SQS, SNS, Step Functions, EventBridge, ApiGateway, S3, EC2, Cloudwatch), Jenkins, Gitlab, SonarQube, Nexus, Bash, Powershell, Python, Terraform, Docker, CentOS, Typescript, Maven, Jest, Stryker

February 2020 —
September 2020
8 months

Assaia International AG
Switzerland, assaia.com
IT, System Integration, Internet
• Software Development

Infrastructure Engineer

— Configuring, deploying, and supporting pilot instances of the platform
— Developing video delivery pipeline with video collection and storage systems
— Pushing the first-ever release of the platform to its production readiness level
— Automating the provisioning of the cloud resources, refactoring, and improving the readability of IaC
— Reinforcing security of the infrastructure with best practices
— Providing technical support for software engineers, assisting with data availability tasks, ensuring

uptime of internal services, etc.
— Perfecting blindfold YAML engineering skills

Tech: Azure, GCP, Debian, CentOS, Docker, Podman, K3s, Kubeflow, Tensorflow, PyTorch, Ansible, Terraform, Python, Bash, PostgreSQL, MongoDB, NSQ, Nginx, Gitlab CI, Zabbix, Prometheus, Git, FFmpeg, Nvidia GPU, Jetson AGX Xavier

October 2019 —
December 2019
3 months

Deutsche Telekom IT Solutions (ex.T-Systems)
Saint Petersburg

IT, System Integration, Internet
  • Software Development
  • System Integration, Technological and Business Processes Automation, IT Consulting

Configuration Manager

— Troubleshooting issues with infrastructure and deployment processes
— Supporting and consulting developers (over 15 teams) regarding the topics of CI/CD
— Managing Openshift cluster's load (>30 namespaces with ~100 pods each)
— Implementing custom reverse/forward proxy plugin for Kong (in Lua)
— Participating on-call during critical incidents and primary rollouts
— Mentoring and sharing knowledge with team members

Tech: Openshift, Kubernetes, Docker, Helm, Lua, Python, Bash, 3scale, Keycloak, PostgreSQL, Redis, Nginx, Kong, HAproxy, Gitlab CI, Prometheus, Grafana, EFK Stack, Nexus, Jira, Confluence, Git

January 2018 —
July 2018
7 months

ventx GmbH
Germany, ventx.de

IT, System Integration, Internet
  • System Integration, Technological and Business Processes Automation, IT Consulting

Cloud Engineer

— Designing and developing a highly-available Kubernetes cluster running on top of the existing bare-metal infrastructure
— Configuring and managing cluster's networking; implementing log management and monitoring solution
— Shifting Jenkins pipelines to use Kubernetes for their deployments
— Establishing policies and operating the cluster for security and multi-tenancy
— Transitioning AWS infrastructure to code with Terraform and Ansible
— Consulting and sharing wisdom with business clients and the team
— Contributing to imposter syndrome rate in tech

Tech: Amazon Web Services, Ubuntu, Docker, LXC, Kubernetes, Terraform, Ansible, Helm, python, bash, PostgreSQL, Redis, Nginx, HAproxy, Jenkins, Prometheus, Grafana, ELK Stack, Graylog, Ceph, MAAS, pfSense, Jira, Confluence, Bitbucket, Git

October 2015 —
September 2017
2 years

Devexperts GmbH
Germany, devexperts.com

IT, System Integration, Internet
  • Software Development

Operations Engineer

— Maintaining dev, test, pre-production, and production environments running a large-scale distributed trading platform
— Conducting deployments and configuration changes, troubleshooting application- and infrastructure-related issues while meeting SLAs
— Managing incidents, emergency response, root cause analysis, and promoting prevention plans for registered defects

— Configuring and keeping internal monitoring solutions in sync with the rest of the platform
— Automating release processes, developing tooling using bash and python
— Communicating and collaborating with application support, QA, developers, and business owners
— Developing on-call fatigue

Tech: Java EE, WebLogic, Tomcat, Log4j, Oracle RDBMS, PostgreSQL, RHEL, CentOS, Splunk, loads of bash scripts, perl, python, MARS (proprietary monitoring solution), AWS EC2, Jira, Confluence, Bitbucket, Fisheye, Git

September 2012 — September 2015
3 years 1 month

Devexperts

Saint Petersburg, www.devexperts.com

IT, System Integration, Internet
   • System Integration, Technological and Business Processes Automation, IT Consulting

Application Support Specialist (Tier 2)

— Monitoring applications and infrastructure of large-scale distributed trading platform; reacting to alerts per instructions
— Registering incoming service requests and incidents, supporting them throughout their lifecycle
— Investigating application and environment issues, executing SQL queries, collecting and analyzing logs and other data
— Participating on-call during major incidents and actively engaging in their resolution
— Performing daily maintenance activities, assisting with rollouts and configuration changes
— Writing instructions and keeping internal documentation up-to-date
— Operating in a low-power mode during night shifts

Tech: Java EE, JVM, SQL, Red Hat Enterprise Linux, bash, grep, sed, awk, perl, regex, python, MARS (proprietary monitoring solution), Jira, Confluence, Bitbucket, Git

Education

Higher

2012

Izhevsk Kalashnikov State Technical University, Izhevsk

Radio Engineering, Wireless communication facilities

Electronic certificates

2021   AWS Certified DevOps Engineer – Professional

2019   CKA: Certified Kubernetes Administrator

2017   Cisco Certified Network Associate Routing and Switching (CCNA)
Red Hat Certified Engineer (RHCE)

2014   MITx 6.00.2x: Introduction to Computational Thinking and Data Science

Key skills

Languages

Russian — Native
English — C1 — Advanced
German — A2 — Elementary

Skills

Linux administration   Python   Amazon Web Services (AWS)   Kubernetes

Site Reliability Engineering (SRE)

Further information

About me

DevOps/SRE with eight years of experience in Application Support and Operations, gradually developing towards Software Development.
Solid knowledge of how modern computer systems work and how they don't work, extensive Linux and network administration experience, a sound understanding of Computer Science concepts, and plenty of enthusiasm for bringing DevOps and SRE practices into reality.
I am looking for an opportunity to gang up with bright and seasoned folks passionate about their work and add all my skills, wisdom, and zeal to the heap.

Hard skills:
— Python, Bash, Powershell, Go (beginner level)
— Linux: RHEL, CentOS, Ubuntu
— Network: TCP/IP, HTTP(S), DNS, SSH, SSL/TLS, APIs, proxies, load balancers, routing, security
— Web-server/LB: Nginx, Openresty, HAproxy
— CI/CD and automation: Jenkins, Gitlab CI, Terraform, Ansible
— Containers: ECS, Kubernetes, Openshift, Docker, Helm
— Cloud: AWS (primarily), familiarity with GCP, Azure, and Yandex Cloud
— Monitoring/logs: Prometheus, Grafana, ELK Stack, Graylog, Cloudwatch

Not-so-hard skills:
— English without a slavic flavor
— devotion to the deity of technology
— dedication and perseverance of a dung beetle
— insatiable curiosity
— empathetic capacities of a shrink
— ability to make magic happen
— supernatural attention to detail
— healthy skepticism (about anyone reading this far)
— a born leader and a cutie patootie (as per my mom)