

Engineer with experience servicing cloud infrastructures (AWS, Yandex Cloud, Azure) in a Linux environment, with experience in servicing a Kubernetes cluster, setting up monitoring for a virtual environment, and managing Docker containers. I use Python, Perl, Bash for writing scripts, programming, and debugging—experience in providing client remote servicing of a client environment for web applications. Quick learner with strong troubleshooting abilities. Well-organizing time prioritizes tasks and works as independently and in a team. Open to relocation.

## Skills

**Programming Languages/Back End tester:** Python, Bash, Perl, SQL.

**Operating Systems:** Linux (CentOS, Red Hat, Ubuntu, Debian), Windows Server (2020-2022).

**Developer Tools:** Visual Studio, PyCharm.

**Test Automation Tools:** Visual Studio Unit Testing Framework (MSTest), Jenkins CI/CD, GitHub, Postman, Appium Inspector, Selenium WebDriver, Python Behave, BrowserStack.

**Defect Tracking Tools:** Visual Studio Team Services (VSTS), Jira, Kanban.

**Databases:** PostgreSQL, MySQL.

**Cloud:** Amazon Cloud Platform.

**Data Networking:** TCP/IP, UDP, DHCP, etc.

**Monitoring systems:** Prometheus, Nagios, CloudWatch.

**Other:** Ansible, Docker, HTML, CSS, REST API testing, Slack, (HMTL/CSS/JavaScript/JSON/AJAX), Terraform, Kubernetes, Locators, ECS.

## Experience:

### Site Reliability Engineer | OmegaSoft | Jan 2022– May 2025

- Implemented automation in quality assurance testing processes using Selenium and Python, enhancing both efficiency and precision.
- Managed AWS EC2 instances, optimizing for performance and cost efficiency.
- Handled Kubernetes clusters for application deployment, scaling, and monitoring pods (Grafana monitoring)
- Managed Docker container exposure and networking configurations, ensuring secure access and efficient container management.
- Administered MySQL databases, including backups, replication, and disaster recovery planning to ensure data availability.
- Utilized GIT version control system for code and configuration management.
- Deploying and maintaining Kubernetes clusters using kubectl and managing node lifecycle and upgrades. Implementing Kubernetes networking policies and configuring Ingress controllers for service exposure.
- Utilizing Terraform to provision infrastructure as code (IaC) for both the underlying cloud resources and Kubernetes cluster components, allowing repeatable and automated deployments.
- Monitoring clusters with Prometheus and Grafana, and troubleshooting node and pod issues efficiently.

### Site Reliability Engineer| Megafon/Megalabs | Dec 2014 - Dec 2022

- Developed an extensible "filters" module to remove adult content from the final dataset within the SMS gateway's distributed, millions-user environment on Linux platforms.
- Supported and maintained Linux software development and network administration, including DNS, DHCP, File Server, Print Server, and scripting with Bash and Python.
- Analyzed log files and protocols (IP, UDP, TCP, HTTP) using Wireshark and other analysis tools.
- Installed, configured, and diagnosed Unix/Windows systems.

### Technical Support II line Engineer | Devino Telecom, Moscow | Jun 2014 - Dec 2014

- Processed customer requests through Jira, email, live chat, and phone calls.
- Tracked changes in request status and monitored the timing of request processing.
- Provided operational information on incidents and failures.
- Set up and supported various Linux-based services, including Apache and PostgreSQL.
- Conducted troubleshooting using the Wireshark application.
- Provided customer support through Jira CRM, including analysis of application log files and debugging small Python scripts.

### Test Engineer | Science and Technology Centers (Electronics test lab)| Sep 2009 – Apr 2014

- Installed and managed telecom software systems (Nokia Siemens Networks, Nokia Flex Hopper).
- Specialized in Windows and Linux administration, focusing on optimization, continuous monitoring, and effective management of system resources and operations.

- Implemented testing methods for the QA team to improve quality and reduce testing time.
- Implemented the deployment and developed the backdoor Bluetooth Command Line Interface (CLI) for the mobile app team. This feature was essential for on-site technicians to troubleshoot cellular communication failures.

#### **Lab Engineer | Otan-Security (Electronics Test Center) | Apr 2006 –Sep 2009**

- Conducted manual quality assurance testing for software applications.
- Specialized in Windows and Linux administration, focusing on optimization, continuous monitoring, and effective management of system resources and operations.
- Configured data collection for conducted tests using a Bash script.
- Implemented testing methods for the QA team to improve quality and reduce testing time.

#### **Education**

*Bachelor's Degree in Electronics, Telecommunications, and Information Technology | 2010 | Kazakhstan-American University (Evaluated in the USA with a GPA of 4.00)*

#### **Certification/Courses**

<b>2022</b>	<b>Project Management by Google</b>
<b>2021</b>	<b>AWS Certified Solutions Architect - Associate (SAA)</b>
<b>2019</b>	<b>Mobile Application Development</b>
<b>2018</b>	<b>Linux Server Technologies (Ce-Certificate of Course Completion)</b>
<b>2018</b>	<b>Virtual Datacenter 1</b>
<b>2018</b>	<b>Linux Server Administration (Ce-Certificate of Course Completion)</b>
<b>2017</b>	<b>VMware Vsphere: Fast Track V6.0</b>
<b>2017</b>	<b>Introduction to PostgreSQL Administration</b>
<b>2016</b>	<b>Linux Troubleshooting (GL314)</b>

#### **Coursework**

Mechanical Design in Robotics  
 QA Automation of Android and Web Apps  
 Implementation of Kubernetes Environment  
 Terraform