

Valeriy Kim

📍 Tashkent, Uzbekistan ✉ lerakim.02.11@gmail.com ☎ +998 (90) 371-08-77

in Valeriy Kim 🌐 Valeriy Kim

About me

After graduating from university, I started studying & practicing **DevOps** in **School 21**. I'm actively seek a full-time job to gain more experience


Stack

- Deployed a microservices cluster with 3 virtual machines via **Docker Swarm** and **Vagrant (IaaS)** in a production-like environment with Java backend and gradle environment.
- Installed and configured tools and applications using **Ansible playbooks** (Docker, Nginx), applying Infrastructure as Code principles
- Used **Terraform** on **AWS Free Tier** to provision infrastructure: created and configured **EC2 instances**, **VPC**, **subnets**, **security groups**, and **internet gateway** for test deployments
- Building **multiple layer Docker images** and using Docker Hub registry
- Implemented **Gitlab CI/CD pipelines** for **building, testing and deploying software** written in C.
- Wrote system monitoring scripts and visualized metrics using **Prometheus and Grafana** dashboards, created my own getter scripts of system status (analog to **Node Exporter**)
- Configured network topologies using **OSPF, NAT, and VPN** to model small enterprise networks.
- Simulated LAN setups with **DNS, static & dynamic routing, and NTP**.

Education

School21	<i>Samarkand, Uzbekistan</i>
Certification: <i>Software Engineer & DevOps</i>	<i>Aug 2024 – Present</i>
Tomsk state university of architecture and civil engineering	<i>Tomsk, Russia</i>
Bachelor's degree: <i>Design of ventilation and gas supply systems</i>	<i>Sep 2018 – Jul 2022</i>

Experience

HomiQ 	<i>Apr 2025 – Present</i>
CTO (<i>DevOps + Backend</i>)	
<ul style="list-style-type: none">◦ Intelligent aggregator of search of real estate by user prompt, with estate data being scraped from internet platforms◦ I've working with a UI/UX Designer, Business analytic, ML engineer and Product manager◦ Responsibilities:<ul style="list-style-type: none">– Backend user interface development via Python (fastapi)– Integration of Agents from OpenAI API, to extract data from sources and store it in database– Using Cloudflare ZeroTrust to deploy project in production-like environment– Gitlab CI/CD deployment on Hetzner cloud	

Vocational & Educational projects

School 21	<i>Samarkand, Uzbekistan</i>
DevOps Engineering	<i>Dec 2024 – Present</i>
<ul style="list-style-type: none">◦ Deployed a <u>microservices cluster</u> with 3 virtual machines via Docker Swarm and Vagrant (IaaS) in a production-like environment with Java backend and gradle environment.◦ Building multiple layer Docker images and using Docker Hub registry	

- Implemented **Gitlab CI/CD pipelines** for **building, testing and deploying software** written in C.
- Wrote system monitoring scripts and visualized metrics using **Prometheus and Grafana** dashboards, created my own getter scripts of system status (analog to **Node Exporter**)
- Configured network topologies using **OSPF, NAT, and VPN** to model small enterprise networks.
- Simulated LAN setups with **DNS, static & dynamic routing, and NTP**.

Vocational activities

School 21

On-site part-time volunteering

Onboarding of new students during a School21 educational program.

Taken part in exams event organization and students' projects reviews (Code & Q/A review).

Samarkand, Uzbekistan

Aug 2024 – Feb 2025