

## EXPERIENCE

### Avito

- *Software Engineer, DBaaS* Remote  
*October 2023 - Present*  
Go Kubernetes Python Vault
  - Led the development of a backup verification platform that verifies all backups across the entire company, ensuring the integrity of 10k+ backups daily across multiple storage systems.
  - Implemented a volume expansion mechanism using the Kubernetes Controller and CSI driver, reducing expansion time by 90% and significantly enhancing system reliability.
  - Optimized architecture by adopting multiple microservices-related patterns, improving system-wide consistency and fault tolerance.
  - Onboarded new engineers and conducted training sessions on the project's architecture and core technologies of the team.

### Tinkoff

- *Site Reliability Engineer, DWH Ingest* Saint-Petersburg, Russia  
*March 2023 - June 2023*  
Java Kubernetes Gitlab CI Grafana Prometheus Kafka
  - Set up a project CI/CD pipeline using Gitlab CI and deploy it to a Kubernetes cluster using Helm.
  - Implemented Prometheus and Grafana-based alert systems to notify duty engineers about service issues promptly.
  - Changed usage of the GitLab artifacts to the Artifactory registry with fully automated building, publishing, and deployment.
  - Jointly implemented transferring a Kafka topic from one cluster to another using the Java and Schema Registry.

### Playrix

- *Software Engineer, Automation Team* Vologda, Russia  
*July 2022 - Sept. 2022*  
Python AWS Nomad Vault Consul
  - Developed a solution for tracking employee birthdays and length of service for 4k+ employees, with delayed notifications.
  - Led the transition from a monolithic to a microservices architecture, introducing asynchronous code and utilizing AWS Kinesis.
  - Deployed services using Docker and Nomad orchestrator with storing secrets in Vault and configurations in Consul.

## EDUCATION

### ITMO University

- *Master's degree, Highload Systems Software* Remote  
*Sept. 2024 - Present*
- *Bachelor's degree, Software Engineering* Saint-Petersburg, Russia  
*Sept. 2020 - July 2024*

## PROJECTS

### i4u

- Go OpenAI Gmail
  - Internship for you is a lightweight and efficient solution designed to streamline the management of internship requests.
  - Automates reading, identifying, summarizing, and forwarding internship-related emails.
  - Design employs the principles of concurrency by utilizing goroutines, channels, and wait groups.

## ACHIEVEMENTS

### Community Contributions

- FerretDB Mentoring Sept. 2023 - Present
  - Enhanced [FerretDB](#) by implementing nested index creation in the SQLite driver, benefiting thousands of developers.
  - Mentored 40+ students in the [VK course](#), completing 200+ code reviews and boosting project completion rates and code quality.

### Yandex School of Backend Development

- Go PostgreSQL gRPC June 2023 - Aug 2023
  - Collaborated in an 11-member team to build a platform that allocated 100+ students to projects based on their preferences.
  - Led the development of RBAC for 5+ user roles and optimized database architecture, improving query performance by 30%.

## SKILLS

- **Technologies:** Kubernetes, Docker, SQL, Linux, PostgreSQL, MongoDB, Redis, Redpanda
- **Interests:** Databases, Highload, Concurrency, Distributed Systems, Platforms
- **Programming Languages:** Go, Python, Rust
- **Languages:** English – Advanced, Russian – Native