

# Artyom Fadeyev

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## EDUCATION

### National Research University ITMO

Software Engineering

Saint-Petersburg, Russia

Sept. 2020 - Aug. 2024 (Present)

## EXPERIENCE

### Avito

Remote

- Software Engineer, DBaaS

October 2023 - Present

Go Kubernetes Python Vault

- Designed a backup restore testing platform to ensure backup availability and integrity.
- Used basic principles of microservices, switched to the use of a Transactional Outbox pattern.
- Designed and implemented volume expansion mechanism for storages using the Kubernetes Controller and CSI driver.

### Tinkoff

Saint-Petersburg, Russia

- Site Reliability Engineer, DWH Ingest

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

Vologda, Russia

- Software Engineer, Automation Team

July 2022 - Sept. 2022

Python AWS Nomad Vault Consul

- Developed a solution for tracking employee birthdays and length of service, with delayed notifications in Slack and Asana.
- Transitioned to asynchronous code and utilized AWS Kinesis for message queues.
- Deployed services using Docker and Nomad orchestrator with storing secrets in Vault and configurations in Consul.

## PROJECTS

### i4u

- Go OpenAI Gmail

Aug. 2023

- 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

### Opensource contributions

- Go FerretDB

- Supported nested index creation in SQLite driver of FerretDB.

### Mentoring on the VK course

- Go Code review Mentoring

Sept. 2023 - Present

- Mentored a group of students, providing guidance on the course and helping them with their projects.
- Reviewed and provided feedback on the students code, ensuring code quality and adherence to best practices.
- Assisted students in team collaboration, helping them to resolve conflicts and improve their teamwork.

### Yandex School of Backend Development

- Go PostgreSQL gRPC

June 2023 - Aug 2023

- Collaborated in an 11-member team to develop a platform for student allocation between projects based on preferences.
- Led the implementation of role-based access control, ensuring secure user interactions and data integrity.
- Designed and executed the database architecture, optimizing data storage and retrieval processes.
- Played a proactive role in the end-to-end project development, contributing significantly to API development and frontend design.

## PROGRAMMING SKILLS

- Languages:** Go, Python, Kotlin
- Technologies:** K8S, SQL, Git, Docker, Bash, PostgreSQL, MongoDB, Redis, Kafka
- Knowledge:** Algorithms, Data Structures, Operating Systems, Databases, Concurrency, Distributed Systems, Linux
- Interests:** Databases, Highload, Concurrency, Platforms, Distributed Systems