

Artyom Fadeyev

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EDUCATION

National Research University ITMO

Software Engineering

Saint-Petersburg, Russia

Sept. 2020 - Aug. 2024 (Present)

EXPERIENCE

Avito

Saint-Petersburg, Russia

- Middle Go Developer, DBaaS

October 2023 - Present

Go k8s

- Designed volume expansion mechanisms for storages using the Kubernetes Operator pattern and CSI.
- Used basic principles of microservices, switched to the use of a Transactional Outbox pattern.

Tinkoff

Saint-Petersburg, Russia

- SRE Intern, DWH Ingest

March 2023 - June 2023

k8s 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

- SWE Intern, Automation Team

July 2022 - Sept. 2022

Python SQL AWS

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

PROJECTS

i4u

- Go OpenAI Gmail

Aug. 2023 - Present

- 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.

hooks

- Go Docker Gitlab Asana

Feb. 2023 - June 2023

- Hooks streamlines workflows by integrating GitLab with Asana, automating task tracking and commits.
- Utilizes GitLab webhooks for real-time synchronization of tasks with the latest commits, ensuring project accuracy.
- Asana tasks are pinned to GitLab merge request descriptions, providing comprehensive project monitoring.

ACHIEVEMENTS

Mentoring on the VK course

- Go Code review Mentoring

Sept. 2023 - Dec. 2023

- Mentored a group of 18 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.

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, TypeScript
- Technologies:** K8S, SQL, Git, Docker, Bash, PostgreSQL, MongoDB, Redis, Kafka
- Knowledge:** Algorithms, Data Structures, Operating Systems, Databases, Concurrency, Distributed Systems