Artyom Fadeyev

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EDUCATION

National Research University ITMO — Saint-Petersburg, Russia
Software Engineering — *Sept. 2020 - Aug. 2024 (Present)*

EXPERIENCE

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

Cloud programming with Go

Go MongoDB Docker — *Oct. 2022 - Dec. 2022*

Covered the software architectural patterns of cloud applications and practical concepts regarding how to scale, distribute, and deploy those applications.

Asana tools

Python ReactJS OAuth2 Docker — *September 2022*

A service that will help you automate the work with tasks in Asana. Allows you to create a task based on the submitted template, and also allows you to create a report that allows you to set approvals and rejections for contractor tasks for a certain period of work.

Sports events

Java Spring Python Freemarker — *May 2022*

Learned the Java and Spring framework. Implemented all the basic structure and internal code logic (endpoints, authorization, deployment) of a service that can serve users, collaborated with 3 teams of 3 students each.
Partly played the role of team leader. Constantly created new tasks and discussed them with the team.

ACHIEVEMENTS

Yandex School of Backend Development

Go PostgreSQL gRPC — *June - 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.

VK Advanced Python

Python C — *March - May 2023*

- Acquired expertise in advanced Python concepts, including asynchronous programming, C extensions, and metaclasses.
- Developed a C extension enabling seamless integration with a C library for JSON manipulation.

PROGRAMMING SKILLS

- **Languages**: Go, Python, TypeScript
- **Technologies**: K8S, SQL, Git, Docker, Bash
- **Knowledge**: Algorithms, Data Structures, Operating Systems, Databases, Concurrency, Distributed Systems