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 system to promptly notify duty engineer about service issues.
- Changed usage of the GitLab artifacts to the Artifactory registry with fully automated building, publishing, and deployment.
- Jointly implemented the transfer of 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 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, as well as 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 the 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` `SQL` `gRPC` — *June - Aug 2023*

Learned core concepts how to write a full-fledged backend on Go.
Unit and integration testing, working with SQL and NoSQL databases, how to write concurrent code, and more.

VK Advanced Python
`Python` `C` — *March - May 2023*

Deep dive into Python. Learned how to write asynchronous code, C extensions, metaclasses, and more.

GitHub Hacktoberfest
`Opensource` `Git` — *Oct. 2021*

Contributed to an open source in time of the Hacktoberfest event and take a prize.

PROGRAMMING SKILLS

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