Daniil Dyachenko

Tbilisi, Georgia

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Skills

- Kotlin/Java (experienced), Golang (beginner), Python (beginner)
- Spring Framework (spring boot, data jpa, quartz, webflux, actuator)
- PostgreSQL (TimescaleDB), Redis
- RabbitMQ, gRPC, HTTP, Protobuf, Json
- Kotlin Coroutines, reactor
- JUnit, mockk
- Docker, Kubernetes
- Grafana, Prometheus, ELK, Greylog
- Gradle, GitLab

Experience

Backend Developer

Prequel Inc., Remote, 2022 December - Today

Obligations:

1. **Build** a microservice system;
2. **Implement of services** includes database schema development, implementation of the logic;
3. **Optimize** microservice jvm services;
4. **Perform** code reviews.

Backend Developer

Eltex, Novosibirsk, Russia, 2019 May - 2022 December

Obligations:

5. **Choose, analyze, implement new technologies** such like Redis, Hazelcase, TimeScaleDB, JobRunr and so on;
6. **Build** a microservice system;
7. **Implement of services** includes database schema development, implementation of the logic, and writing of OpenAPI specification;
8. **Collect requirements** for complex business features, analyze and write tech documentation;
9. **Optimize** microservice jvm services;
10. **Perform** interviews on junior, middle, and senior positions;
11. **Perform** speeches at internal meetings;
12. **Perform** code reviews and helping colleagues.

Key achievements:

1. **Implementation** monitoring service by myself from scratch. It implements the logic for collecting a network device's metrics by SNMP protocol, discovering network devices and device entities (like interfaces, SLA tests, and so on).
2. **Optimization** of a lot of services:
   a. I accelerated a request to a database that chose the metric's list for collecting, and that also reduced the load on him;
   b. I reduced the load on network and network devices from 20k RPS to 4-5k RPS for tasks on a collection of metrics without damage to business functional;
   c. I reduced the time of requests to a cache in parallel from 100-500ms to 1-10ms.
3. **Implementation** task manager service for management of network devices (for example, restart, firmware upgrade, apply the configuration, and so on) by myself from scratch;
4. **Implementation** service for negotiation with extended application that performs Ansible playbooks by myself from scratch;
5. **Implementation** service for storing and delivery of firmware files by myself from scratch.

Assistant of department
NSTU, Novosibirsk, 2022 January - October

Obligations:
1. **Compilation** of work programs;
2. **Conduction** seminars on computer science for students on the business direction.

Key achievements: I compiled the work program for "Data Warehouse" course.

Side-projects

- BravoTelegramStockTagNews, Kotlin, Ktor, Exposed, Angular - github.com/hegemonies/btstn
- Alarm bot for telegram, Kotlin - github.com/hegemonies/alarm-bot
- SNMP Browser, Golang - github.com/hegemonies/snmp-browser
- Welcome Local Page, Ruby, RubyOnRails - github.com/hegemonies/welcome-local-page
- Short URL service, Python, Flask - github.com/hegemonies/short-url-service
- Game Picker, Kotlin, Spring - github.com/hegemonies/game-picker

Education

SibSUTIS (Siberian State University of Telecommunications and Informatics)

- Novosibirsk, 2020, Bachelor's Degree of Computer Science.

The theme of the diploma: "Development of a microservice for storing and delivering of firmware files".

Languages

- Russian - Native
- English - B1+, CERF Certificate

Interests

- Reading news from software and hardware sphere;
- Writing of side-projects;
- Drinking good filter coffee.