Igor Kazak

Backend Developer

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EDUCATION

Novosibirsk State University (NSU), Novosibirsk — *Bachelor's degree*

2018 - 2022

Department of Information Technologies

EXPERIENCE

SCD Company, Yerevan — *Backend Java Developer*

February 2022 - PRESENT

Achievements

- Simplified the project's architecture and documented its core logic during a major refactoring. This reduced the onboarding time for new developers and accelerated feature development
- Implemented semantic search in Elasticsearch using vectorized job descriptions, which improved recommendation quality for end users
- Implemented automatic tag suggestion for administrators using fuzzy matching on job titles and descriptions, reducing manual effort and analysis time
- Automated the generation of dependency reports across all modules (using Gitlab CI/CD, Dependency Check Maven Plugin, Npm Audit Export), which simplified product maintenance and accelerated the fixing of vulnerabilities caused by third-party libraries
- Developed a Dagster pipeline that analyzed user clicks on different ads and generated regular reports, helping to optimize advertising costs

Responsibilities

- Upgraded the backend of the application from outdated versions of Spring Framework, Java, PostgreSQL, MongoDB, Elasticsearch, and Tomcat
- Documented infrastructure and wrote internal instructions and guides in Confluence
- Deployed and developed regularly scheduled Google Cloud Functions; set up reporting and organized data storage in BigQuery
- Maintaining stable production environment on Linux with Docker
- Set up CI/CD pipelines in GitLab for building images, running tests
- Configured infrastructure monitoring with Grafana and Prometheus; collected logs using Promtail and Loki
- Assessed MVP feasibility based on requirements, selected appropriate technologies with justification, and designed the planned application architecture
- Mentored a junior developer

SKILLS

Backend

- Java
- Spring Frameork
- Tomcat
- PostgreSQL
- Liquibase
- Flyway
- Hibernate
- REST API
- MongoDB
- Elasticsearch
- C#

Other

- Git
- Gitlab CI
- Docker
- Google Cloud
- OpenAPI
- Nginx
- Grafana
- Prometheus
- Figma
- Jira
- Confluence
- Scrum
- Bash
- Data structures
- Typescript
- React
- Linux
- Python

LANGUAGES

- English, B1
- Russian, Native

Institute of Geology and Mineralogy, Novosibirsk — *Laboratory assistant*

September 2021 - May 2022

Implemented a Python plugin for QGIS that corrects elevation data of rivers and lakes to ensure hydrological consistency

ABOUT ME

- In my free time, I explore new programming languages like Rust and C#, which I also use for personal projects outside of work. I'm a Linux enthusiast and currently learning to play the ukulele
- Open to hybrid or remote roles only. Not considering relocation from Yerevan