# Igor Kazak

Software Developer

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## EXPERIENCE

### SCD Company, Yerevan — *Full-Stack Developer*

February 2022 - October 2025

**Responsibilities**

- Upgraded the backend of the application from outdated versions of Spring Framework, Java, PostgreSQL, MongoDB, Elasticsearch, and Tomcat
- 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
- Experience fine-tuning neural network models
- Documented infrastructure and wrote internal instructions and guides in Confluence

**Achievements**

- 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

### 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

## EDUCATION

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

2018 - 2022

Department of Information Technologies

### ACHIEVEMENTS

- Prize-winner in International Collegiate Programming Contest (ICPC 2018)
- Holder of 3-rd degree Diploma in XIX Open All-Siberian Olympiad named after I. V. Pottosin
- Prize-winner In Novosibirsk City Olympiad 2019

## SKILLS

**Backend**

- Java
- Spring Framework
- Hibernate
- Go
- Python
- Node.js
- Remix
- C#
- REST API

**Databases**

- PostgreSQL
- Elasticsearch
- MongoDB
- Liquibase

**DevOps & Infrastructure**

- Docker
- GitLab CI/CD
- Linux
- Google Cloud
- Nginx
- Keycloak

**Monitoring & Logging**

- Grafana
- Prometheus
- Loki
- Promtail

**Other**

- Typescript
- OpenAPI
- Git
- Scrum

## LANGUAGES

- English – B2
- Russian – Native