

# Igor Kazak

Fullstack Developer

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## EXPERIENCE

### SCD Company, Yerevan — Fullstack Developer

February 2022 - September 2025

#### Responsibilities

- Upgraded the backend of the application from outdated versions of Spring Framework, Java, PostgreSQL, MongoDB, Elasticsearch, and Tomcat
- Developed a web application optimized for visualizing large-scale graphs using PixiJS, HTML5, and WebGL
- 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
- Set up Maintaining stable production environment on Linux with Docker
- 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

#### 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
- Built a visual comparison interface for changes in job postings after automatic updates, significantly speeding up the validation process

### 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
- Tomcat
- Hibernate
- Node.js
- Python
- C#
- REST API

### Frontend

- React.js
- Next.js
- Typescript
- Tailwind CSS

### Databases

- PostgreSQL
- MongoDB
- Elasticsearch
- Liquibase
- Flyway

### DevOps & Infrastructure

- Docker
- Gitlab CI
- Linux
- Bash
- Google Cloud
- Nginx
- Keycloak

### Monitoring & Logging

- Grafana
- Prometheus
- Loki
- Promtail

### Other

- Git
- Figma
- Confluence & Jira

## LANGUAGES

- Russian – Native
- English – B1