

Oleksandr Reshetar

Profile 

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EDUCATION

- **University of Waterloo** Waterloo, ON
Master of Science in Engineering; *Sep. 2023 – Ongoing*
- **National University of "Kyiv-Mohyla Academy"** Kyiv, Ukraine
Bachelor of Applied Mathematics; GPA: 3.78 *Sep. 2019 – Jun. 2023*

EXPERIENCE

- **WSIB** Toronto, ON, Canada
Software Engineer *Sep 2023 - Present*
 - **DevOps**: Migrated **Jenkins** application to **Kubernetes** using the Jenkins Operator with Configuration as a Code setting. This was done using preconfigured jobs, custom-signed certificates, and Artifactory (**JFrog**) repository configuration.
 - **Full-Stack**: Developed **full-stack** software application using **React** on the front, **Spring framework** and Microsoft SQL (+**liquibase** database management) on the backside to aim at automating the deployment process for different teams in the company. It drastically reduced the time between the development and deployment phases.
- **EPAM Systems** Berlin, Germany
Software Engineer *Aug 2021 - Apr 2023*
 - **E-Commerce**: Developed new API calls by introducing a security layer, which allowed clients to work with an application more **secure**. Participated in **Sprint** planning and estimating user stories using **Jira/Confluence** tool, aiding in setting realistic task time frames. Designed comprehensive **unit** tests that contributed to achieving **100% code** coverage and improving code reliability.
 - **External Program Project**: One project using two technologies, **Spring Framework**, and **Servlet API**, was developed as the final task. The system with GUI was managed using **Thymeleaf** Engine. The endpoints were secured with **Spring Security**, allowing only users with privileged roles to change the state of the system. The **MySQL Server** was configured for storing the required data. "Internationalization **i18n**" was included in both projects. An insight into how **REST API** applications work under the hood was gained through this experience.
- **Volunteer** Kyiv, Ukraine
Software Engineer *Apr 2022 - May 2022*
 - **Backend**: Developed a **Merch** shop for supporting Ukraine using **Spring Framework**. Although the time was restrictive, our team only collected **2500\$** in 1 month. My tasks involved:
 - * Implemented **API** for managing items in the shop, allowing front-end applications to communicate with the server.
 - * Utilized a **mapper** mechanism to convert DB objects into response objects (dto) and vice versa.
 - * Deployed the application on the **AWS EC2 instance** and used **AWS S3** to store static data, such as images.

PROJECTS

- **Microservices app**: Developed microservices pet project with visualization tools such as Netflix Eureka, Grafana and Prometheus. 
- **Selection Committee**: Enrollment process management for a university utilizing Spring Boot and the Thymeleaf engine. 

SKILLS

- **Programming Languages**: Java, Kotlin, Python, Javascript,
- **Technologies**: AWS, Spring, React, Kafka, FastAPI, ElasticSearch
- **Tools**: Kubernetes, Docker, Jenkins, Maven, Gradle
- **Languages**: German B2-C1, English C1, Ukrainian C2