

Nadiia Vlasenko

Software Engineer

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Seattle, WA

Backend Engineer with six years of experience in Object-Oriented Programming languages, primarily Java. Hands-on expertise in databases, including MySQL, ElasticSearch, and Postgres. Proficiently utilized Spring and other frameworks for application development. Designed and implemented microservices, enabling synchronous communication through REST API and asynchronous communication via Kafka. Leveraged Docker and Kubernetes. Additionally, gained functional programming experience with Kotlin.

EXPERIENCE

Totango | **Customer Success Management system** | *April 2021 - Present*

- Led end-to-end management of a feature crucial for our primary client, SAP, encompassing the refactoring of the user identification system. This undertaking required cross-team collaboration and extensive changes across various system components.
- Effectively executed the migration of ElasticSearch to a newer version, entailing data transformation and updating the clients of ElasticSearch API. Overcame performance challenges during a potentially protracted migration process, prompting a thorough investigation. This initiative included optimizing ElasticSearch index parameters and managing network bandwidth.
- Implemented and supported asynchronous jobs pipeline for time-consuming data processing.

Mercedes-Benz Group | **Unified payment interface** | *Dec 2019 - April 2021*

- Integrated the system with various payment providers so merchants can perform all payment operations through a unified interface. The system is written with Kotlin in a functional style. Designed microservices communicating within Kafka and HTTP.

CML Team | **Crypto tax system** | *Jun 2019 - Dec 2019*

- As a full-stack developer, implemented the system where users can import cryptocurrency transactions and generate a tax report with Java, Spring Data, and Spring MVC, and also UI for that functionality written in Typescript/ReactJs

KaaIoT | **Automotive Rental CRM, IOT Platform** | *Oct 2018 - Jun 2019*

- IoT platform consisting of several microservices responsible for device management, data collection, analytics and visualization, remote control, and software updates. Did bug fixing (Java), integration testing with Cucumber(Kotlin), performance profiling, and then rewriting some microservices to GoLang.
- Was involved in Automotive Rental CRM development on top of the platform from the very beginning.

Epam | **Appointment Booking System for Beauty Bar** | *Aug 2018 - Oct 2018*

Polyteco | **Ecological Risk Assessment** | *Jan 2018 - Aug 2018*

EDUCATION

- **Bachelor's degree in Computer Science** | *National Technical University of Ukraine "Igor Sikorsky Kyiv Polytechnic Institute"* | 2014 - 2018

CERTIFICATE PROGRAMS

- *Projector Creative & Tech Institute* | **Algorithms. Basics** | 2020
- *Projector Creative & Tech Institute* | **Linear Algebra for Data Science** | 2019
- *London School of English* | **Certificate in English** | 2019
- *Epam* | **Course of Java WEB Programming** | 2018

<https://github.com/nadezhdavlasenko>