

PAVEL MARTYENKA

SOFTWARE ENGINEER

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[LinkedIn](#)

Software Engineer with 3+ years of production experience and a Master's in Software Engineering. Skilled in developing RESTful services, event-driven architectures, and ETL mechanisms using Java stack. Proficient in CI/CD setup using IaC tools and deployment pipelines. Experienced mentor with strong communication skills, a dependable work ethic, and a passion for continuous learning.

WORK EXPERIENCE

EPAM Systems, <https://www.epam.com/>

Software Engineer, domain: Life Sciences & Healthcare

July 2022 - until now

- Implemented event-driven architecture for M2M authorization in newly onboarded customer systems, reducing risks to production data integrity
- Organized a technical plan for a backend service to be migrated to Spring Boot
- Improved the execution time of integration tests up to 5 times
- Secured Snowflake views' data according to RBAC of the customer platform
- Developed ETL process gathering the data from parquet files to the data platform
- Integrated Snowflake customer resources migration to dedicated reader accounts into CI/CD pipelines using IaC

Key Developer, domain: Retail & Distribution

Mar 2022 - Jun 2022

- Having supported POC to create CDP (Customer Data Platform) in a new region, I've migrated the previous project's pipeline to a new Azure environment: implemented data ingestion from/to Azure Databricks cluster, organized execution plan for Talend jobs, published artifacts to Nexus repository

Software Engineer, domain: Retail & Distribution

Sep 2021 - Mar 2022

- Maintained API services for getting the data out of CDP: developed RESTful endpoints, created Open API specifications, etc.
- Increased the performance of SQL queries generated by Hibernate by up to 20%
- Implemented a microservice to aggregate customer data to be consumed by a third-party
- Conducted perf testing using JMeter
- Introduced Testcontainers library for integration tests to dynamically spin up Apache Kafka containers

SKILLS

- **Languages:** English B2, Belarussian Native, Russian Native
- **Java stack:** Java 8/ Java 11/ Java 17, Spring Boot, Spring Core, Spring MVC, Spring Data, Spring Security, Maven/Gradle, JOOQ, Hibernate, Liquibase, Lombok, Lagom, Quarkus
- **Data:** H2, PostgreSQL, MySQL, Apache Kafka, Snowflake, Talend Cloud, TAC, Talend Data Fabric
- **CI/CD:** Groovy, Jenkins, Terraform, Docker, Kubernetes, Lens
- **Testing:** Spring Test, JUnit 4/JUnit 5, Mockito, PowerMock, REST Assured, Testcontainers
- **Cloud:** **AWS:** Lambda (JS-based), API Gateway, S3, SQS, SNS, IAM, Cloudwatch, SSM, DynamoDB, Aurora MySQL, **Azure:** API Management, Databricks
- **JS stack:** Node.js, ES6, Jest
- **Methodologies:** Scrum, Kanban
- **Applied Sciences:** REST, Microservice Architecture, Object-oriented Programming, Algorithms & Data structures, Networks basics, General programming concepts, Software Engineering Techniques, Design patterns, Procedural Programming, SOLID, Dependency injection
- **Other:** IntelliJ IDEA, Auth0, Open API, Jira, Confluence, Git, Github, Gitlab, Bitbucket, JMeter, Dependabot, DBeaver, Scalyr, Apache Tomcat, XML, JSON, SQL

EDUCATION

ST. Petersburg Electrotechnical University "LETI" (ETU)

Sep 2020 - Aug 2022

Master's degree

Software Engineering

ST. Petersburg Electrotechnical University "LETI" (ETU)

Sep 2016 - Aug 2020

Bachelor's degree

Applied Mathematics and Informatics