Alena Tsikhanovich

Java Backend Engineer

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SUMMARY

Java Backend Engineer with 5+ years of experience designing, building and running Java / Spring Boot microservices on AWS and Kubernetes. Currently develop backend services for a multi-team insurance platform on Amazon EKS, modernising tightly coupled legacy code and owning delivery end to end: infrastructure as code (Terraform, Helm, FluxCD), GitLab CI pipelines and automated security testing (DAST). AWS Certified Cloud Practitioner.

SKILLS

Languages: Java (8, 11, 17, 21, 25), Groovy, SQL

Frameworks: Spring Boot, Spring MVC, Spring Data JPA, Hibernate, Camunda BPM

Databases: PostgreSQL, Amazon Aurora, MySQL, Oracle, MongoDB, DynamoDB, Liquibase, Flyway

Messaging: Apache Kafka, RabbitMQ, ActiveMQ, Amazon MQ, Amazon SQS, Amazon SNS

Cloud & Infrastructure: AWS (EKS, IAM, RDS / Aurora, Lambda, S3, SQS, SNS, DynamoDB, CloudWatch), Microsoft Azure, Docker, Kubernetes, Helm, FluxCD, Terraform

CI/CD & Build: GitLab CI, Jenkins, Atlassian Bamboo, Maven, Gradle, Git, Bitbucket

Testing & Security: JUnit 5, Mockito, Spock, Gatling, GitLab DAST (API Security, API Fuzzing)

Observability: Datadog, Amazon CloudWatch, Azure Monitor, incident.io

Practices: Microservice architecture, RESTful APIs, OpenAPI / Swagger, OOP and design patterns, code review, Agile / Scrum, Jira, Confluence

EXPERIENCE

Godel Technologies Europe sp. z o.o. — Wrocław, Poland

Backend Engineer / Cloud Infrastructure Engineer | 04/2025 – Present

Kubernetes-based insurance platform on AWS, shared by several product teams.

- Build and maintain Java 25 / Spring Boot microservices running on Amazon EKS, integrated through RabbitMQ, SQS and SNS.
- Modernise legacy services by untangling tightly coupled code into smaller, testable components, making changes safer and faster to deliver.
- Introduced scheduled GitLab DAST API Security and API Fuzzing scans, authenticated and unauthenticated, against public-facing APIs of 10+ services, and drove remediation of findings.
- Deploy and manage Kubernetes workloads across multiple environments with Helm and FluxCD (GitOps); provision AWS resources (IAM roles, OIDC, supporting infrastructure) with Terraform.
- Improved platform security by moving secrets from static configuration into managed secrets and introducing IAM database authentication for Aurora RDS, removing static database passwords.
- Run Gatling performance tests, monitor services with Datadog and take part in incident response with incident.io.

Tech: Java 25, Groovy, Spring Boot, Spock, RabbitMQ, Kubernetes, Helm, FluxCD, Terraform, Docker, GitLab CI, AWS (EKS, IAM, SQS, SNS, Lambda, DynamoDB, Aurora RDS, S3), GitLab DAST, Gatling, Datadog, incident.io

Java Developer (Middle) | 01/2024 – 04/2025

Vehicle tracking platform for a UK transport company, collecting and processing telemetry from in-vehicle mobile devices.

- Developed backend services that ingest and process vehicle tracking data using Kafka and ActiveMQ, with MongoDB storage on Microsoft Azure.
- Worked with product managers, architects and stakeholders to gather requirements and turn them into technical specifications.
- Investigated technical options and proposed architectural solutions for new features.
- Supported CI/CD pipelines and the release process with DevOps and partner teams; debugged and resolved production issues.
- Wrote unit and integration tests and reviewed teammates' code.

Tech: Java 17, Spring Boot, Kafka, ActiveMQ, MongoDB, Docker, Jenkins, Microsoft Azure

Java Developer | 10/2021 – 12/2023

Automated retailer onboarding for a UK-based global e-commerce marketplace connecting retailers and buyers worldwide.

- Developed and supported RESTful microservices for automated retailer onboarding.
- Automated multi-step onboarding workflows with Camunda BPM.
- Integrated third-party libraries and external APIs.
- Documented APIs with OpenAPI / Swagger.
- Wrote unit and integration tests with JUnit 5 and Mockito; took part in code reviews in an Agile team.

Tech: Java 17, Spring Boot, Hibernate, Camunda BPM, Oracle, Swagger / OpenAPI, Docker, Atlassian Bamboo, Maven, IntelliJ IDEA

CERTIFICATIONS

AWS Certified Cloud Practitioner — valid until 05/2029

EDUCATION

Higher Education Diploma — Belarusian State University, Minsk, Belarus | 2008

LANGUAGES

Russian: Native | English: Upper-Intermediate (B2) | Polish: Intermediate (B1)

Wyrażam zgodę na przetwarzanie moich danych osobowych zawartych w mojej ofercie pracy dla potrzeb niezbędnych do realizacji procesu rekrutacji zgodnie z ustawą z dnia 10 maja 2018 roku o ochronie danych osobowych (Dz. Ustaw z 2018, poz. 1000) oraz zgodnie z Rozporządzeniem Parlamentu Europejskiego i Rady (UE) 2016/679 z dnia 27 kwietnia 2016 r. (RODO). I hereby give consent for my personal data included in my application to be processed for the purposes of the recruitment process in accordance with the Act of May 10, 2018, on the Protection of Personal Data (Journal of Laws of 2018, item 1000) and in accordance with Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016 (GDPR).