

# Yahor Liavonenka

## Backend Software Engineer

Wrocław, Poland · Open to remote B2B opportunities · Two-month notice period

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## PROFILE

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### Building reliable event-driven backend systems with Java, Kafka, and AWS.

Backend Software Engineer with 5+ years of commercial experience across FinTech, InsurTech, and telecommunications, specialising in real-time event processing, privacy workflows, third-party integrations, infrastructure as code, and production diagnostics.

## TECHNICAL SKILLS

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**Backend engineering:** Java, Spring Boot, Python, REST APIs, Microservices, Event-driven architecture

**Messaging & event streaming:** Confluent Kafka, ActiveMQ, SQS, SNS, EventBridge

**Databases & analytics:** PostgreSQL, Amazon Redshift, S3

**AWS cloud:** AWS Lambda, EC2, ECS, ECR, EKS, IAM, Secrets Manager

**Infrastructure & delivery:** Terraform, Docker, Kubernetes, GitLab CI/CD, GitLab OIDC, Linux

**Observability:** Prometheus, Grafana, CloudWatch

**Engineering practices:** Solution design, Code review, Mentoring

**AI-assisted engineering:** OpenAI Codex, Claude Code, Implementation, Refactoring, Testing, Diagnostics, Documentation

## LANGUAGES

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**Russian:** Native

**Belarusian:** Native

**English:** Professional working proficiency, used daily in international teams

## PROFESSIONAL EXPERIENCE

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### Backend Software Engineer

Godel Technologies Europe · 2021-02 — present · Wrocław, Poland · Hybrid

Embedded backend engineer delivering production systems for international client teams in English.

#### FinTech/InsurTech price comparison platform

2025-09 — present

Member of an approximately 10-person international team responsible for real-time customer-event processing, downstream data activation, and privacy-related data workflows.

- Develop and optimise Java and Spring Boot services that consume near-real-time behavioural events from Confluent Kafka and deliver them to downstream customer-engagement platforms through REST APIs.
- Designed and implemented Kafka-based data retention and an asynchronous GDPR Right to Be Forgotten flow using SQS, Lambda, Redshift, REST deletion APIs, and completion tracking across third-party systems.
- Migrated legacy Amazon Redshift Python UDFs used across numerous ETL workflows to Python-based Lambda UDFs ahead of AWS end-of-support.
- Modernised legacy services, Maven configurations, and acceptance tests, reducing maintenance overhead across 30+ services.
- Define and maintain application-owned AWS infrastructure through Terraform, including Lambda, SQS, EventBridge, S3, ECS, CloudWatch, IAM, Secrets Manager, and GitLab OIDC integrations.
- Contribute to solution design and code reviews while supporting less experienced engineers through onboarding and technical guidance.

**Technologies:** Java · Python · Spring Boot · Confluent Kafka · AWS Lambda · SQS · ECS · EKS · Amazon Redshift · EventBridge · S3 · CloudWatch · Terraform

## **Broadband ISP operations platform**

2021-03 — 2025-08

Core engineering team member building an internal platform for customer onboarding, subscriptions, connectivity diagnostics, billing, equipment delivery, and technical-support workflows.

- Built new Java and Spring Boot microservices and extended existing services using REST APIs, ActiveMQ, PostgreSQL, and Kubernetes.
- Implemented integration components for credit-check, telecommunications, equipment-delivery, and internal billing systems.
- Diagnosed subscription and pricing inconsistencies in an event-sourced customer model and contributed to an internal remediation service for customer-fact corrections and bulk tariff migrations.
- Built Grafana dashboards for throughput, latency, CPU, and memory, then used them to identify bottlenecks and tune Kubernetes resource settings for higher migration RPS.
- Maintained and enhanced a React-based internal portal used by operational staff.

Technologies: Java · Spring Boot · ActiveMQ · PostgreSQL · Kubernetes · Grafana · React

## **EDUCATION**

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### **Diploma of Secondary Specialized Education**

Gomel State Machine-Building College · Gomel, Belarus · 2016-09 — 2020-06

**Programmable Mobile Systems · Electronics Technician**