Kiryl Miadzvedzeu | Java/Cloud Software Engineer

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B2B

Hybrid / Office / Remote

Legal status: Temporary residence permits valid until June 2027

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Java engineer with 6+ years building scalable microservices and cloud-native systems on AWS. For me the point is solving real business problems, not just writing code, and good agile practices are how that happens. Proper refinements, retrospectives, and three-amigos sessions matter to me, because that's where misunderstandings get cleared up before they turn into rework.

Clear, transparent systems give more stable results than clever ones, so the things I build are meant to be easy to understand and reason about; and small, incremental improvements tend to add up to serious results over time. I lean on my team and trust it, while everyone keeps individual ownership of their work. Knowledge is best shared openly rather than locked in one person's head, which keeps the whole team on the same page about where we are and where we want to be.

Risks are best weighed before a task is taken on, not after, so the team doesn't sink effort into something whose implementation risk turns out higher than we can afford. As a backend engineer, "what happens if this goes wrong" is always running in the background: is there a plan B, a retry, a fallback, thought through from the start.

TECHNICAL SKILLS

Languages: Java 8/11/17/21, Groovy, SQL
Frameworks: Spring Boot, Spring MVC, Spring Security, Hibernate, EclipseLink ORM, JUnit, Mockito, Spock, Testcontainers, Gatling, Project Reactor (WebFlux), Liquibase, Flyway
Cloud & DevOps: AWS (EC2, EKS, Lambda, S3, SQS, Step Functions, EventBridge, Systems Manager, Firehose, CloudWatch, IAM, OIDC, IRSA, Krawler), Docker, Jenkins, Kubernetes, Helm, FluxCD, GitHub/GitLab/Bitbucket CI/CD, Terraform
Databases: PostgreSQL, MS SQL, MySQL, Redis, MongoDB, Cassandra, DynamoDB, Elasticsearch
Messaging: Apache Kafka, ActiveMQ, RabbitMQ, AWS SQS, AWS SNS, EventBridge
Monitoring & Security: Datadog, Micrometer, CloudWatch, incident.io, DAST / security testing
Engineering Practices: KISS, DRY, SOLID, Explicit error handling, Code review–driven development

Technical Expertise

Java 8/11/17/21	Hibernate	Eclipse Link ORM
IntelliJ IDEA	Swagger/OpenAPI	Junit/Mockito
DataGrip	SQL: PostgreSQL,MS SQL,MySQL	Redis
Maven	NoSQL: MongoDB, Cassandra,DynamoDB	Jbehave
Gradle	Git GitHub GitLab Bitbucket	Elasticsearch
Spring	Jenkins, GitlabCI	Docker
Spring MVC	Grafana/CloudWatch,Datadog	Kanban / Scrum

Spring Data	ActiveMQ / RabbitMQ/AWS SQS,SNS, EventBridge	Liquibase,Flyway
Spring Security	Elasticsearch	Terraform
Spring Boot	AWS [EC2, S3, Lambda, SQS,SNS]	Linux/Windows
REST/RPC	Projectreactor+Netty	Python + PyCharm [basics]

Professional Experience

Company: Godel Technologies

Period	July 2025-Now
Project Description	A Kubernetes platform on AWS, shared by several product teams. Domain: insurance. My work splits roughly evenly between building backend services and keeping the platform reliable and secure. Over the past year the focus has been on three things the team feels directly: the security of our public endpoints, the performance of the busiest services, and how fast we can track down a bug in production.
Position	Cloud Infrastructure Engineer /Backend Software engineer
Responsibilities	Set up automated DAST (dynamic application security testing) that runs against our public-facing endpoints on every release. Security checks used to be manual and easy to skip; now they happen on their own, and the security of our open endpoints has improved a lot. Built performance tests for the services under the heaviest load. They showed clearly where the system was struggling, which became the starting point for moving those services over to newer, more scalable approaches. Unified logging across the platform. The old mix of formats made tracing an issue across services slow and painful; with one consistent approach, finding and reproducing bugs is now much simpler. Day to day, build new microservices and put real effort into improving deep legacy: untangling tightly coupled older code and making it safer and easier to change without breaking what already works. Alongside that, keep the platform side running: Kubernetes workloads across environments with Helm and FluxCD, Terraform for our AWS setup (IAM roles, OIDC, supporting resources), GitLab CI pipelines, and secrets moved out of static config into proper secrets management. Also driving the company's move toward an AI-first way of working: completed several courses on AI-first best practices, currently building the adoption roadmap, and took part in a focus group that used Claude in production for analytics.
Tools & Technologies	Java 21, Groovy, Spring Boot, Kafka, RabbitMQ, Kubernetes, Helm, FluxCD, Terraform, Docker, GitLab CI, AWS (EKS, IAM, OIDC, IRSA, SQS, SNS, EventBridge, DynamoDB, Lambda), MySQL, Liquibase, DAST / security testing, Gatling (load & performance

	testing), Spock, Testcontainers, Datadog, Micrometer, incident.io

Company: Godel Technologies

Period	January 2024-June 2025
Project Description	Developed innovative features enhancing system capabilities Migrated monolith to microservices architecture for improved scalability Fixed critical bugs and optimized system performance Wrote comprehensive documentation to aid team knowledge transfer Ensured high code quality through unit testing and code reviews Fixed critical bugs and optimized system performance Optimized Lambdas for high load Made architectural decisions
Position	Backend Software engineer
Responsibilities	Developed innovative features, enhancing the system's capabilities. Ensured high-quality code through rigorous quality assurance practices. Resolved critical bugs, improving system stability and user experience. Migrated monolithic architecture to microservices, boosting scalability and maintainability. Created comprehensive documentation to facilitate knowledge transfer and system maintenance. Optimized system performance.
Tools & Technologies	AWS family: AWS Step Functions — AWS Lambda Amazon DynamoDB — Amazon EventBridge Amazon SQS — Amazon S3 AWS CloudWatch — AWS Systems Manager AWS Krawler — AWS Firehose RPC via REST — Git Gradle — Java 21 Mockito — Junit Docker — Concurrency Jenkins — CI/CD

Company: Godel Technologies

Period	March 2022-January 2024
Project Description	Project focuses on developing smart gas meters that utilize cutting-edge technology. We are building a robust and scalable system to handle gas meter data collection and analysis. Project is an end-to-end service covering all aspects of metering, utility. The purpose of the project is to develop software for the installation off smart meters for electricity and gas to consumers. Integration with new energy suppliers. Hundreds of microservices.
Position	Backend Software engineer
Responsibilities	Engineered innovative features, leading to a 20% increase in system efficiency. Conducted quality assurance tests, maintaining a 98% bug-free release rate. Identified and resolved critical vulnerabilities, enhancing system security. Led the migration from Java 8 to Java 17 and from Spring 2.3 to Spring 3.0, modernizing the tech stack. Designed and implemented reusable libraries, reducing development time by 30%.

Tools & Technologies	Reactive Programming (WebFlux) Event-Driven Architecture Spring Framework Spring Boot Maven Git Docker Kubernetes Testcontainers RabbitMQ Mockito JUnit Cucumber Liquibase PostgreSQL Redis REST Cassandra

Company: Solbeg-Soft:Helmes group

Period	March 2021-March 2022
Project Description	Protection software and services to the automotive industry and property insurance marketplace. Risk management system and asset protection software and services to the automotive industry. Also Migrate legacy monolith to microservices.
Position	Backend Software engineer
Responsibilities	Innovated feature development, enhancing user experience and functionality. Ensured product reliability through comprehensive quality assurance. Debugged and resolved issues, improving software stability.
Tools & Technologies	Java 8, Spring, EclipseLink ORM, Maven, Liquibase, SOAP, XML, SAXIF, Tomcat, ActiveMQ, Ruleset, JUnit, Mockito

Company: Solbeg-Soft:Helmes group

Period	March 2020-March 2021
Project Description	Application is dynamic Calendar Management System for scheduling and managing events using different filters, tags, levels of priority. Application improves the process of scheduling and managing different kinds of events so that multiple internal users could review the calendar from different angles and manage events in one place.
Position	Software engineer
Responsibilities	Developed innovative features, increasing system usability and efficiency. Conducted thorough quality assurance, maintaining high standards. Identified and fixed bugs, enhancing system reliability. Provided post-release support, ensuring smooth operation and user satisfaction.
Tools & Technologies	Java 11, Spring, Hibernate, Gradle, GitLabCI, Docker, Testcontainers, JUnit, Mockito, MS SQL, Flyway, RabbitMQ, Swagger

Education

Name of Institution	Belarusian Trade Economic University
Major	Economist
Year of Graduation	2011
Academic Degree	Bachelor

Foreign Languages

English	B2
Russian	C2
Belarusian	C2
Polish	A2

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