Yan Kardziyaka

Backend Java Developer

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Skills

Languages	Java (8/11/17) and experience with Kotlin, PowerShell, Bash
Frameworks	Spring (Core, Boot, MVC, WebFlux, Data, Security, Cloud), JPA/Hibernate, JUnit
Libraries	Project Reactor, Lombok, MapStruct, Mockito, Caffeine, ShedLock, Feign, Micrometer, Java Azure SDK, Guava
Databases	SQL (SQL Server, PostgreSQL), NoSQL (Azure Cosmos DB, MongoDB, Redis)
Cloud Providers	Azure (Active Directory, APIM, Functions, Key Vault, Service Bus, EventHubs, App Insights), AWS (IAM, S3, EC2, VPC, RDS, CFN, SQS, SNS, Lambda)
Observability Tools	New Relic (Logs, NRQL Queries, Dashboards, Alerts)
Other Tools	Git, Gradle, Maven, Docker, Kubernetes, Argo CD, Consul, GitLab
Processes	Agile, Scrum
English	Upper Intermediate

Work Experience

Java Software Engineer at **EPAM Systems** Jul 2021 — Present

Project in Healthcare domain:

I was a part of a core NFR team responsible for cross-cutting concerns of a microservice-based application in Healthcare domain. Besides common development activities (TDD software development, refactoring, code reviews) I also:

- reduced response time up to 6 times by fixing performance issue in inter-service communications,
- migrated several microservices from Java 11 to Java 17,
- improved code readability by refactoring microservice with multi-level nested Reactor call chains to flat call chains,
- refactored microservice with mixed servlet and reactive configuration to pure Spring WebFlux microservice,
- frequently used various Azure services which helped me discover and find workaround for Azure APIM bug,
- resolved compatibility issues after updating internal and external dependencies.

Project in Food Delivery domain:

I've been a part of a Backend team responsible for integration of fast-food chain into the food ordering microservice-based system. Besides developing features and fixing bugs I also:

- reduced response time from 2.5 seconds to about 0.6 seconds by fixing performance issue related to Azure Service Bus messaging,
- significantly reduced volume of metrics ingested to NewRelic by developing new library module to overcome limitations of Micrometer-NewRelic integration,
- implemented a way to support both id generation and manual id insertion on same JPA/Hibernate entity while preserving backward compatibility with the existing persistence calls,
- implemented scheduled job which closes orders that were not picked up, depending on specific location local time,
- created several New Relic dashboards using complex NRQL queries involving logs and metrics.

Education

2018 - 2022 **BSc in Computer Science** at **Belarusian State University**, Faculty of Applied Mathematics and Computer Science