

# Kiryl Varykau

## Software engineer

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### Profile

Software engineer with 5 years of experience in web development, database and infrastructure administration.

- Good at analysing tasks and designing solutions for them
- Passionately advocating: Martin Fowler's attitude to refactoring, test-driven development, DevOps, Agile culture by spirit
- Worked in the following spheres: FinTech (LSEG), Berliner Zeitung (Media), Rigi.io (Translation & Localisation)

### Certifications

- **AWS Certified Developer – Associate**  
August 2022 - August 2025
- **EPAM Technical interviewer**  
Conducted over 10 technical interviews

### Education

- **Software for information technologies**  
Belarusian State University of Informatics and Radioelectronics  
2016 - 2020
- **JS / Frontend course**  
The Rolling Scopes School  
January 2018 - June 2018

### Volunteer experience

- **Js / Frontend Mentor in Rolling Scope School**  
September 2022 - February 2023  
January 2021 - June 2021  
September 2020 - December 2020

### Work experience

#### Full stack developer

**EPAM**

January 2023 - present

Gdańsk, Poland

LSEG - failover recovery system.

- Introduced and implemented strict typing into the project; It gave a possibility to write a more robust code.
- Refactored code to make it testable and covered it with unit-tests; As a result the maintainability of the code began to improve
- Introduced a new approach to Agile-meetings; It began to involve the whole team in the discussion of current tickets, problems, etc.

#### Full stack developer

**EPAM**

February 2022 - January 2023

Gdańsk, Poland

Berliner-Zeitung.de - leading Berlin media with over 5 million unique monthly users.

.jOS - is a technology platform for regional and national media.

- Implemented algorithm of content deduplication. As a result, the amount of duplicated content significantly reduced.
- Implemented generic Wordpress importer. This allows new customers to start using the platform without giving up on Wordpress.
- Implemented integration with Google Analytics. It gave a possibility to provide up to date "most read" articles.
- Implemented a framework for E2E-testing (based on Playwright). It helped to write maintainable E2E tests.
- Refactored code to make it testable and covered it with unit-tests. As a result, code coverage by tests has been achieved 95% which notably reduced the bug detection time.
- Participated in discussions and design architecture with an SA, which allowed me to greatly improve my knowledge of the field.

#### Full stack developer

**Rigi.io**

July 2020 - February 2022

Minsk, Belarus / Gdańsk, Poland

Rigi.io - software localization platform

- Implemented multi tenancy architecture which allowed hosting 40+ customers on one server. As a result, the maintenance costs for the same amount of customers significantly reduced.
- Optimized server performance including SQL queries, API calls. For the updated parts execution time has decreased from 2 to 10 times.
- Database administration. A backup system was developed. It saved us several times.
- Participated in meetings with customers. It helped to understand and implement the requirements faster and more accurate.

#### Full stack developer

**Senior Node**

July 2018 - July 2020

Minsk, Belarus

Rigi.io - software localization platform

- Initiated and led the development of a new client and server using the latest technologies. It cleaned the system from deprecated software and speed up development.
- Maintained frontend and backend parts. Quickly and efficiently resolved all arising issues.
- Administered linux servers. Simplified server and client updates, which reduced the number of human-caused errors.
- New UI/UX was developed. It gave the system a modern look and intuitive behaviour.

### Skills

#### Languages

Javascript

#### Runtimes / Compile-time

NodeJS, Typescript

#### Frameworks

Angular, NestJS, Express, ReactJS, NextJS

#### Databases

MongoDB (DocumentDB), PostgreSQL, MySQL (RDS Aurora), Redis

#### Message queue tools

Kafka, AWS SQS

#### Cloud-based technologies

AWS (ECS, App Mesh, CloudMap, Lambda, API Gateway, LB (ALB, NLB), Route53, CloudWatch, CloudFront, S3, CodeBuild, CodePipeline, IAM), Digitalocean

#### IaC

Terraform (with Terraspace), AWS CloudFormation

#### Software Quality

SonarCube, ESLint, Prettier, Jest, Supertest, k6, Mocha, Chai, SinonJS

#### Additional

Docker, AWS SDK, Linux (Ubuntu), Git, GitLab, GitHub, yarn, npm, pm2

### Languages

**English:** B2

**Belarusian:** native

**Russian:** native

**Polish:** A2

### Hobbies

Skiing

Fitness

Hiking

Traveling

Reading

Chess