Ihor Rybak, Senior Java Software Engineer

+380968890254 (Telegram, Viber, WhatsApp)
Location: Lviv, Ukraine (ready to work remotely)
Email: jrybak23@gmail.com
LinkedIn: https://www.linkedin.com/in/ihor-rybak-42a127111
Stack overflow: https://stackoverflow.com/users/5810648/ihor-rybak
GitHub: https://github.com/jrybak23
Skype: jrybak23@gmail.com
Personal blog: https://devguidance.com

SUMMARY

Java software engineer since August 2017.
Passed **Kubernetes Application Developer certification** on Nov 17, 2020.
1.5 years of full-stack development experience using **Angular 2+**.
Primary skills: Java 11, Spring/Quarkus, Kubernetes, Docker, Microservices, Hibernate, Angular 2+.
English: **Upper-Intermediate**.

SKILLS SUMMARY

- **Spring Framework:** Spring IoC, Spring Web MVC (REST, Thymeleaf), Spring Security (OAuth2, Session based, HTTP basic), Spring Data JPA, Spring Boot, Spring Cloud.
- **Quarkus Framework.** RESTEasy JAX-RS, RESTEasy JSON-B.
- **Hibernate:** JPQL, JPA Criteria Query API (Spring Data JPA Specifications), Envers, Validator.
- **Relational databases: PostgreSQL** and **MySQL, Liquibase and Flyway** DB migration.
- **Docker, Kubernetes, docker-compose, AWS ECS.**
- **Spring Cloud:** experience with microservice architecture using: **Eureka, Zuul, Ribbon, Feign, Security, Config, Hystrix.**
- **Monitoring:** Kibana, Datadog, Grafana.
- **Testing:** unit and integration TDD using JUnit 4/5, Mockito, Testcontainers DBUnit(database-rider), Spring MVC Test Framework, WireMock, REST Assured, Hamcrest, AssertJ, **Angular Testing**, Karma, Jasmine.
- **JavaScript/Frontend:** ES6, NodeJS, TypeScript, RxJS, promises, Angular 2+, Angular Universal SSR, Tailwind CSS.
- **Build tools: Maven, npm,** basic knowledge of **Gradle**.
- Basic knowledge of **RabbitMQ.**
- **VCS**: **git**, Azure DevOps, GitHub, GitLab.
- **CI/CD**: Spinnaker, Jenkins Pipeline.
- **Linux:** shell script, ssh, WSL.
- **JIRA** (Software, Confluence).
- **Dev tools:** IntelliJ IDEA, Postman, Chrome DevTools, Charles Proxy.

<div align="center">EPAM Systems projects:</div>

5-th project. Data migration tools for accounting app. (Feb 2021 – Apr 2022)
Participation:

As a full-stack developer, I was responsible for development and support of 1 REST API microservice, 1 async data processing microservice, 2 single page applications and 1 legacy application. Beside it my responsibilities includes code review, incident response and communication with other teams that work on the same product.

Environment: Java 11, Quarkus, JAX-RS, Spring Data JPA, Hibernate, PostgreSQL, Flyway, RabitMQ, Maven, Azure Pipelines, AWS EC2, AWS S3, JUnit 5, Testconrainers, DBUnit, docker-compose, Typescript, Angular 10, RxJS, ng-bootstrap, Azure DevOps, conventional commits.
Processes: Scrum framework with 2-week iteration including meetings: 2 daily, planning, refinement, sprint review, retro.

4-th project. Migration to AWS (Jul 2020 – Feb 2021). The customer is one of the main subscription videos on-demand services in the US.
Participation:
Migration of microservices:
- from AWS ECS to AWS EKS (from 1 AWS account to multiple AWS accounts)
- from on-premises data centers to AWS EKS (to multiple AWS accounts)
- Migration Grafana dashboards to Datadog (Nov-Dec 2020).

Also, developed from scratch the tool using AWS ECS API to generate data for Helm chart values.
Migration steps:
1. Define dependencies of services (other services, databases, queues, secret management...).
2. Migrate Unit tests and other kinds of testing (e.g Checkstyle) from Jenkins Pipeline to simplified custom.
   API for Jenkins Pipeline.
3. Containerize the application, integration tests and database-migration tools (e.g Flyway).
4. Set up Spinnaker pipelines and Kubernetes deployments (by overriding existing Helm charts).
5. Migrate integration tests and DB migration tools from Jenkins Pipeline to Spinnaker (as a Kubernetes job).
6. Move secrets to Vault.
7. Set up Datadog monitoring (APM traces and logs).

Environment: Kubernetes, Docker, AWS EKS, AWS ECS, Spinnaker, Jenkins, Vault, Datadog, Grafana, GitHub, JIRA, Scrum framework.

3-rd project. The tool that helps gather, monitor, and analyze regulatory data (Oct 2019 - Jun 2020). The customer is the leading legal researching software development company.
Participation:
- Full-stack development (including markup based on wireframe).
- Communication with stakeholders on Scrum meetings, using emails and MS teams.
- Communication with the infrastructure support team.

Environment: Java 8, Microservice architecture, Spring MVC (Tomcat), Spring Security, Spring Boot 2, Hibernate (JPA, Envers), Spring Batch, Maven, TypeScript, NodeJS, Angular 8 (with Angular Universal SSR for SEO compatibility), GitHub (migrated from GitLab), Jenkins, JIRA.
A lot of other technologies for organizing microservices developed and supported by the customer.
Scrum framework including meetings: daily, planning, refinement, progress review, sprint review, retro.
Tools: Postman, Charles Proxy, Chrome DevTools.

Forte Group (Aug 2017 - Jul 2019) projects:

2-nd project. The app for hiring (Legal field) (Jul 2018 - Jul 2019, part-time)
Participation: Support, backend development.
Environment: Java 8, Docker, Spring Boot, Spring MVC, Spring Security, Spring Data, Spring Cloud (Eureka,
Config, Security, Feign, Zuul), Hibernate, Braintree API, Liquibase, PostgreSQL, Microservice architecture, Logback, Gradle, Jenkins, GitHub, JIRA.

1-st project. Human Resources Management System (Aug 2017 - Jul 2019).
Participation: Backend development/estimation of new features, refactoring, code review (mostly features related to financial tools). Some of mine contribution:
- Set up testing using DBunit.
- Created from scratch separate service for integration with iCIMS.
- Performed successful Spring Boot migration.

Environment: Java 8, Docker, Spring MVC, Spring Security, Spring Data, Spring Boot 2, Spring Cloud Feign, Hibernate (JPA, Envers), Liquibase, MySQL, DBUnit, Logback, Maven, WireMock, Jenkins, GitHub, JIRA, Scrum.

EDUCATION

Khmelnytskyi national university
2016-June 2018, Bachelor's Degree, Software Engineering. [Diploma link](#)
Khmelnytskyi polytechnic college
2012-2016, Junior Specialist Degree, Software Engineering, [Diploma link](#).