

# < JAN POTARSKI >

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Enthusiastic and highly motivated **Junior Java Developer** with a strong passion for software development and a solid foundation in Java programming. Eager to contribute my skills in Spring and its ecosystem, Java EE, database management, and more, while learning and growing within a dynamic development team. I am committed to leveraging my knowledge to create efficient and innovative software solutions

## PROJECTS

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### JDispatch, Netty SMTP Server

- Conceptualized and implemented a high-performance SMTP (Simple Mail Transfer Protocol) server using the Netty framework, providing basic email communication services.
- Developed robust and scalable server architecture, capable of handling concurrent connections and processing incoming/outgoing emails efficiently.
- Utilized Java's NIO features to optimize network communication, enhancing server responsiveness.

### Nub, code-snippets sharing CLI

- Designed and developed code-sharing system, consisting of two separate services: CLI, written in Go (usingurfave/cli framework), and backend, written in Java (using Spring MVC and MongoDB).
- Implemented RPC interchange between two services, using a RabbitMQ.
- Designed a UI for Thymeleaf templates, using Tailwind and Prism.js.

### Vethub, veterinary records management system

- Designed and developed a comprehensive REST API using Spring Boot and JDBC to streamline the management of patient records, appointments, and medical history.
- Implemented secure user authorization mechanisms to protect sensitive data. Created own implementation of JWT authentication mechanism. Provided custom security expressions to maintain security of application.
- Leveraged JDBC for database connectivity, ensuring seamless data retrieval and storage while maintaining data integrity.

## SKILLS & PROFICIENCIES

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- Java, Spring
- JDBC, JPA (Hibernate), PostgreSQL, MongoDB
- AWS
- Kafka, RabbitMQ
- Docker, Microservices
- HTML, CSS, JS (Tailwind & React)

## LANGUAGES

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- English (B2-C1)
- Russian (Native)