

Josip Begić

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Experience

Privredna banka Zagreb, Software developer

Zagreb, Croatia
Nov. 2023 to present

- Developed a web service for handling cash advance payments utilizing Java EE technologies, streamlining financial transactions.
- Conducted research on the impact of distributed cache to optimize performance and efficiency in various applications.
- Built a module for implementing distributed cache with Apache Ignite, Java EE, and Maven for other applications.
- Provided support in the production environment.

Ericsson Nikola Tesla, Software developer

Zagreb, Croatia
Feb. 2023 to Nov. 2023

- Discovered a method in the Python service for PII encoding, enhancing the accuracy and efficiency of data de-identification processes.
- Built a robust microservice for file scanning using RabbitMQ, Spring Boot and ClamAV ensuring comprehensive and secure file processing.
- Utilized Spring Boot, Python, React, RabbitMQ, PostgreSQL Flyway, and other technologies in a microservice architecture for the recognition and encoding of personal identification information (PII).
- Analyzed and conducted load tests on the UAT environment to ensure system stability and performance under high load conditions.
- Implemented and configured SonarQube for multiple projects, integrating it into CI/CD pipelines to enhance code quality and maintainability.
- Collaborated within an agile, English-speaking environment, consistently delivering high-quality, efficiently crafted code within specified timeframes.

Projects

E-commerce application | [📄 GitHub repository link](#)

2024

- Developed an e-commerce application utilizing Spring Boot, Python, Nuxt, PostgreSQL, Redis and RabbitMQ.
- Implemented user authentication, email verification and secure payment mechanisms to enhance security and user trust.

Education

Faculty of Electrical Engineering and Computing, Computing

2020 to present

- Led a project development team as part of the Software Engineering course.
- Developed stock market tracking application using web technologies.

Mathematics and natural sciences high school, Metković Gymnasium

2016 to 2020

Skills & Technologies

Programming Languages: Java, JavaScript, Python, SQL, C, HTML, CSS

Frameworks and libraries: Spring Boot, React, Nuxt, Flask, Express.js TailwindCSS, Mockito

Databases: PostgreSQL, Oracle, Redis

Tools: Docker, RabbitMQ, Flyway, Apache Ignite, SonarQube, Gradle, Maven, Git, GitHub Actions

Operating systems: Linux(Ubuntu), Windows

Languages: English - full professional proficiency, Croatian – native