Josip Begić

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Experience

Privredna banka Zagreb, Software developer   Zagreb, Croatia
                                                                                            Nov. 2023 to present
- 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.
- Contributed to the development of a web service for handling cash advance payments, utilizing Java EE, Oracle databases and IBM WebSphere server.
- Provided production environment support.

Ericsson Nikola Tesla, Software developer   Zagreb, Croatia
                                                                                            Feb. 2023 to Nov. 2023
- Discovered a method in the Python service for improving PII recognition, enhancing the accuracy and efficiency of data pseudonymization 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 pseudonymization 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
- Developing an e-commerce application utilizing Spring Boot, Python, Nuxt, PostgreSQL, Redis and RabbitMQ.

Education

Faculty of Electrical Engineering and Computing (FER), Computing   2020 to 2024
- 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   2020

Skills & Technologies

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

Frameworks and libraries: Spring Boot, ReactJS, NuxtJS, Flask, TailwindCSS, Hibernate, JUnit 5, Mockito

Databases: PostgreSQL, Oracle, Redis

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

Languages: English - full professional proficiency, Croatian – native