Prodan Markovic *Senior Java Developer*

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🏴 Polish Citizen

Profile

As a seasoned Software Engineer with over 10 years of experience, I possess a diverse skill set encompassing both traditional web development and AI technologies. My expertise lies in harmonizing front-end and back-end technologies, with a specialized focus on the Java SpringBoot + React + Oracle stack. In addition to building robust web applications using advanced JavaScript, TypeScript, and Java, my leadership abilities shine in Agile environments, where I guide teams with a collaborative and communicative approach, fostering innovation and efficiency. Furthermore, my strong commitment to continuous learning keeps me at the forefront of modern development practices, ensuring that I deliver cutting-edge solutions that meet and exceed client expectations.

Skill Set

Languages
JavaScript, Typescript, PHP, Java, HTML&CSS, Oracle PL/SQL

Databases
ORACLE, MongoDB, MySQL, PostgreSQL, AWS DynamoDB. Database Management, MySQL

Cloud Services
Microsoft Azure, AWS Cloud Services, GCP

Frameworks and Libraries
React, ExpressJS, Angular, Laravel, Symfony, CakePHP, Java SpringBoot, React Native, Next.js,React Router, Axios,Electron.JS, Redux, RxJS, REST API, GraphQL, Bootstrap, Tailwind CSS, A

IDEs and Tools
Docker, k8s, Jenkins, Cypress, Jest, Redux DevTools, Babel, Webpack, Git, Linux

Others
Agile (Scrum, Kanban), Microservice Architecture, Test-Driven Development (TDD), Software Logic, Software Troubleshooting, User Experience, Clean Architecture, Problem Solving, Critical Thinking, Project Management Skill

Professional Experience

2021/08 – present

Senior Software Engineer
Apius Technologies S.A

Key Technologies: ***Java, Java SpringBoot, React, Redux, React Router,Axios, JUnit, Oracle PL/SQL, AWS k8s,docker***

- Implemented CSR based frontend app using React + redux + React Router + Axios.
- Designed database and backend structure from scratch (Java SpringBoot + Oracle 11gR2).
- Implemented business functions by oracle PL/SQL functions on oracle 11gR2.
- Worked closely with the CEO to refine and upgrade a variety of aspects of the business's primary application.
- Introduced and configured the application to use Git for both version-control and deployment.
- Suggested and directed architectural changes to the application to improve efficiency and performance.
- Containerized Java SpringBoot backend using docker and implemented CI/CD pipeline between AWS k8s and Github.
- Implemented Unit test using JUnit.

| 2019/06 – 2021/08 | **Senior Software Engineer** |
| | *Trinetix* |

Key Technologies: *React, React Native, Java, Java SpringBoot, MongoDB, Redux, React Router, Axios, RESTful APIs, Docker, AWS K8s*

- Engineered a robust web application utilizing Java SpringBoot + React + React Router + Axios + Redux stack, achieving a notable 30% boost in user engagement.
- Built mobile app using React Native and published on Apple and Google Store.
- Used PL/SQL functions for creating/updating Materialized view on oracle 11g.
- Actively engaged in every phase of the software development lifecycle, encompassing initial requirements analysis through to final deployment. Implemented Real-time chat function using Web sockets and WebRTC protocol.
- Implemented integration with native swift library to use CoreML library in React Native.
- Enhanced system efficiency and scalability by containerizing Micro-services with Docker.
- Containerized backend using docker and build github CI/CD script for AWS k8s.

| 2016/05 – 2019/06 | **Web Developer** |
| | *Vega IT* |

Key Technologies:*React, Typescript, Java SpringBoot, Java, React Native, React router, Redux, Axios, PostgreSQL, Git, Android, IOS.*

- Developed dynamic and responsive web applications using React+React router+Axios+Redux, ensuring an engaging user interface and seamless user experience.
- Utilized Symfony for creating efficient back-end services and APIs, integrating with PostgreSQL for data management.
- Collaborated in building Mobile Apps using Typescript and React Native, managed version by Git and published on Google playstore and Apple appstore.
- Implemented video & audio conference function using Web sockets and WebRTC protocol.
- Worked closely with project managers and designers to translate business requirements and user needs into technical solutions.

| 2013/06 – 2016/06 | **Software Engineer** |
| | *DYNEVO* |

Key Technologies: *JavaScript,React, React Router, Axios, Redux, JQuery, Java, Java SpringBoot, MySQL, Typescipt, Responsive Web Design, Git*

- Developed and maintained web applications using Java SpringBoot and React+React Router+Redux+Axios, focusing on code quality, scalability, and reliability.
- Collaborated in a team environment to design and implement features for various projects, consistently meeting project timelines and quality standards.
- Implemented database designs and queries using MySQL Server, optimizing performance and ensuring data integrity.
- Utilized JavaScript, JQuery, HTML, and CSS to enhance front-end interactivity and ensure cross-browser compatibility.
- Contributed to regular code reviews using Git, adhering to best practices and coding standards.

Education

| 2005/04 – 2009/07 | **Bachelor's degree, Computer Science** |
| | *Warsaw University of Technology* |