



NEMANJA MARKOVIC

Master Engineer of
Information technologies

CONTACT



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EDUCATION

Master Engineer of Information
technologies

Faculty of Organizational Studies



Master thesis: "Development of a progressive
web application using the React JS library"

Faculty of Organizational Studies



Specialist studies in Information Systems
and Technologies
2022-ongoing

SKILLS

- | | |
|----------------|---------------------|
| • HTML | Mongo, Mongoose |
| • CSS | Node JS, ExpressJS, |
| • JS | Git, GitHub |
| • React JS | Bootstrap, MUI |
| • React Native | Agile SCRUM met. |
| • SQL | PWA |

PROJECTS

<https://orthopassion.de/de>

<https://www.unicorn.energy/en>

<https://unilab.rs/>

<https://matmediclab.rs/>

<https://bodart-design.ch>

<https://www.avodi.com>

<https://www.vetactive.de/>

<https://website-bakery.com/en>

EXPERIENCE

FON internship



DEX Digital experience

Mart 2021 - April 2021

Full-stack Engineer Node Js and React Js

TX Services



November 2022 - August 2023

- Utilizing a robust skill set encompassing HTML, GitHub, Material-UI, CSS, JavaScript, and React.js, I delivered robust and user-friendly solutions. Furthermore, my involvement extended to the project, where I facilitated the development of an application streamlining employee travel and expense management processes across diverse firms, minimizing manual intervention. Additionally, I applied my expertise in HTML, CSS, JavaScript, and React.js, alongside Bootstrap 5, to optimize the application's interface and functionality.
- Played a pivotal role in creating technical documentation, providing valuable references for both internal use and reporting purposes.
- Actively participated in the TX Conference, contributing to user interface design mock-ups and engaging in code reviews.
- Demonstrated proficiency in Agile Development, English communication, and collaboration within a team-oriented environment.

Certification



Personal projects

- <https://github.com/Nemanja43M/React-Native-NMR-FON>
- <https://github.com/Nemanja43M/NodeJs-FPIS-FON>
- <https://github.com/Nemanja43M/React-PWA-FON>
- <https://github.com/Nemanja43M/React-todo-app>
- <https://github.com/Nemanja43M/JavaScriptMapsApp>
- <https://github.com/Nemanja43M/NodeJWTToken>
- <https://github.com/Nemanja43M/TV-ShowsAPP>

Full-stack Engineer Node Js and React Js

MvSoft Services 

September 2023 - ongoing

- I have experience using HTML, CSS, and Vanilla JavaScript alongside Bootstrap 5 for developing websites and UIs. On the frontend, I specialize in React, where I frequently utilize state management with React Hooks, context API for global state management, and JSX for templating. I also implement responsive design principles.
- Furthermore, I have experience integrating React with third-party libraries and frameworks, such as React Router for client-side routing and Redux for managing larger-scale application state. These integrations extend React's capabilities, allowing for the development of robust and maintainable frontend applications that we use.
- On the backend, I work extensively with Node.js, employing Express.js for building robust RESTful APIs. I integrate MongoDB and utilize Mongoose for data modeling and querying, ensuring efficient data storage and retrieval. Additionally, I implement authentication and authorization using libraries I and I leverage middleware for request processing and validation to enhance application security and performance..

Full-stack Engineer Node Js and React Js

QMIND Solutions 

january 2024 - jun 2024 PART-TIME

- In my role as a Full Stack Engineer at QMIND Solutions since january 2024, I have focused on developing advanced user interfaces for applications using React and Bootstrap 5. Leveraging all the new techniques that React offers, including Redux for managing global application state and Hooks for efficient component state management, we have designed and implemented interactive user interfaces that are intuitive to use.
- Video Chat App Development: Led the end-to-end development of an innovative video chat application using Node.js and React. This platform serves as a powerful tool for seamless communication and collaboration.
- Technology Stack: Leveraged Docker for efficient containerization, implemented Socket.io for real-time communication, integrated Peer.js for peer-to-peer connections, and employed MongoDB with Mongoose for effective data storage and retrieval.
- Building scalable REST APIs, utilizing microservices architecture with Node.js integrating with external systems via APIs (REST). Proficient in MongoDB and SQL databases.

SEMINARS

Laboratory for electronic business



TX Conference

