

Wojciech Nowak

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Education

Wrocław University of Economics and Business

MASTER OF SCIENCE

Computer Science in Business, Specialization: Big Data

Wrocław, PL

October 2023 – Until now

Wrocław University of Science and Technology

BACHELOR OF SCIENCE

Environmental Engineering, Specialization: Water supply, wastewater disposal and waste management. Thesis topic: Conceptual design of the city's water supply system in the perspective period

Wrocław, PL

October 2016 – February 2020

Experience

Freelance

Remote

FULL-STACK WEB DEVELOPER

September 2023 – Present

- Creating and maintaining visually appealing and performance-effective websites
- Designing, developing, and deploying web applications using MERN stack technologies, including MongoDB, Express.js, React, and Node.js
- Developing and maintaining back-end servers using Express.js and Node.js, handling requests and business logic
- Designing and programming user interfaces in React, creating components, and ensuring responsiveness
- Using version control systems like Git to track code changes

E-commerce Application

INTERSTORE

- E-commerce platform using cutting-edge technologies including Next.js, React, Tailwind CSS, Firebase and Redux. This project showcases my expertise in building high-performance web applications with a focus on user experience and data management

Portfolio Website

NOVACCI.PL

- Dynamic portfolio website using React and SCSS, which not only features a sleek dark mode design but also incorporates the i18n protocol for language switching. Additionally, I connected the website to the Spotify API, enabling users to view my current music preferences in real-time

Skills

Frontend

- Breakdown and implementation of the interface into components
- Using the axios library to make HTTP requests to the server
- Process the received data and display it in the interface components
- Contact translators and add additional languages to the application
- Implementation of the new features such as dark mode or chat bots
- Implementation of sorting, filtering and pagination
- Creating forms with validation through the use of React Hook Form

Backend

- Create and configure a MongoDB Atlas database
- Configuring the server environment
- Create routing and define paths and handling of HTTP requests
- Creation of data models
- implementation of services, middleware and controller for user login and verification
- Basic error handling

Tools

Programming Languages: JavaScript, TypeScript, Python

Frameworks and tools: ReactJS, NextJS, NodeJS, ExpressJS, Redux, Tailwind, Material UI, Sass

Databases: MongoDB, FirebaseDB

Other relevant skills: GIT, Postman, NPM, VisualStudioCode

Languages: English (proficient), Polish (native), Germany (basic)