Daniel Mihai

WEB DEVELOPER

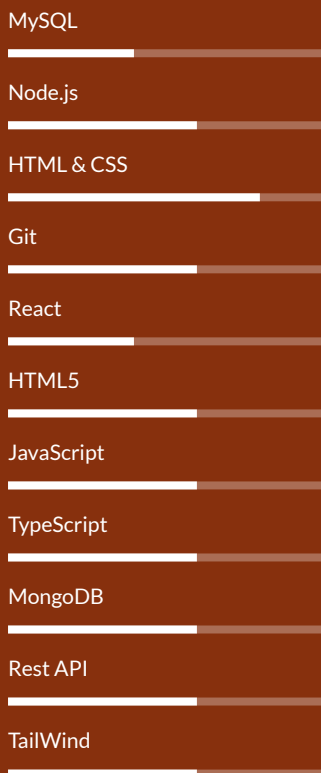## Details

Bucharest
Romania
0727967474
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DATE OF BIRTH

25/12/1993

Links

LinkedIn

GitHub

Skills

MySQL

Node.js

HTML & CSS

Git

React

HTML5

JavaScript

TypeScript

MongoDB

Rest API

TailWind

Languages

English

Profile

I am a committed web developer skilled in JavaScript, TypeScript, ReactJS, NodeJS, ExpressJS, and MongoDB. While proficient in these technologies, I am eager to expand my knowledge and expertise further. I am seeking a company that values mentorship and offers opportunities for career growth, recognizing the pivotal role guidance plays in professional development.

My previous work experience, although outside the tech industry, has equipped me with essential skills and instilled in me a strong sense of motivation. It has reinforced my ambition to pursue a career path aligned with my passion.

Education

BCS, University of Roehampton, Birmingham

SEPTEMBER 2018 — JUNE 2022

Completed a Computing Science program focused on web development, programming, and IT. Gained theoretical and practical skills in software development, data analysis, and system design. Key modules included Web Application Security, Cyber Security, Relational Databases, Data Science, and User Experience Design. Developed strong problem-solving, critical thinking, and teamwork abilities through collaborative projects.

Economy, Colegiul tehnic Mircea cel Batran, Bucharest

SEPTEMBER 2007 — AUGUST 2011

Completed high school education with a focus on rigorous academic coursework and extracurricular activities. Demonstrated strong academic performance and a commitment to personal growth and development. Acquired foundational IT skills, including proficiency in HTML5, CSS, Microsoft Word, and Excel, among others, through coursework and independent study. Engaged in various educational opportunities to broaden knowledge and skills while fostering a passion for learning

Projects

TutorialX, Full-stack

JUNE 2024 — JUNE 2024

https://tutorialx-a759317e325f.herokuapp.com/

TutorialX is a web application designed to empower developers by enabling them to compile comprehensive tutorials, organized into distinct chapters, and list these resources to eager learners. Unlike the other tutorials available online, TutorialX focuses on identifying and showcasing tutorials that offer substantial value at no cost.

Once a tutorial has been developed, users have the capability to append chapters to it. These chapters necessitate a well-structured text format facilitated by Markdown, which can incorporates YouTube video links or other freely accessible resources. Upon completing the creation of chapters in sequential order, users are then equipped to generate a link for the tutorial, facilitating easy distribution among their student base.

The realization of this project was made possible through the utilization of a modern technology stack comprising ReactJS, TypeScript, NodeJS with ExpressJS, MongoDB, and Tailwind CSS. A significant hurdle encountered during the development process was the implementation of an authentication system and the integration of structured text within the chapters. To address the authentication challenge, sessions were

employed, simplifying the process and providing valuable insights into setting up cookies and sessions for both development and production environments. Additionally, the incorporation of Markdown in React served to enhance the document structure, offering a richer and more organized text presentation.

Deployment of the project was efficiently managed through Heroku, streamlining the transition from development to production. Please be aware this website will take few seconds to wake, because the server hosting this app is using a free tire.

EasyBank, Front-end

MAY 2024 — MAY 2024

https://ddmihai.github.io/Easybank

EasyBank is a meticulously crafted landing page that highlights the benefits of using an online banking system. Developed as my second project from the Frontendmentor challenges, this project allowed me to incorporate several advanced technologies and methodologies.

For this project, I utilised the SASS preprocessor, a superset of CSS3, which offers numerous features to enhance the clarity and maintainability of CSS3. My styling strategy involved creating separate folders for different functionalities, such as resets, variables, and mixins, distinct from the components folder. This approach ensures clean, organised code and facilitates easier maintenance and scalability.

I also implemented the BEM (Block, Element, Modifier) styling methodology for the first time. BEM is a naming convention that breaks down the UI into independent blocks, significantly improving the scalability and manageability of large projects. By combining BEM with SASS, I was able to leverage nested styling, strategically divide component styles, reuse mixins, and effectively separate concerns.

This project not only demonstrates my ability to use modern web development tools and methodologies but also reflects my commitment to writing clean, scalable, and maintainable code. I am excited to continue applying these practices in future projects.

Omlette Recipe, Front-end

MAY 2024 — MAY 2024

https://ddmihai.github.io/omlette-html-css/

Please check out my first Frontend Mentor challenge. I developed this straightforward project by adhering to a mockup provided by the challenge, utilizing HTML5 and CSS3 for styling.

For responsiveness, I employed flexbox due to its ease of use and efficiency in creating simple layouts. Additionally, I incorporated semantic HTML to enhance the site's accessibility for screen readers and browsers' comprehension.

Despite being a relatively simple initial challenge, I significantly expanded my knowledge regarding semantic HTML, flexbox, and adopting a mobile-first approach to web design. Overall, I find this challenge to be an excellent warm-up for the subsequent ones. Moving forward, I intend to continue pushing my boundaries by exploring new technologies and principles.

Audiophille, Front-end

MAY 2024 — JUNE 2024

https://audiophille-0d2647532e37.herokuapp.com

Developed Audiophile, a cutting-edge eCommerce platform for music aficionados, featuring five key pages: Home, Headphones, Speakers, Earphones, and Checkout. The Cart Element enhances the shopping experience with dynamic quantity adjustments, price manipulations, and item selections. Image rendering is powered by JSON paths, ensuring visual fidelity, and product quantities can be modified directly in the cart with efficient removal once quantities hit zero. Prices are calculated accurately for seamless transactions.

Built as a Single Page Application (SPA) with Vite.js, we utilized ReactJS with TypeScript for robustness and efficiency, and Tailwind CSS for rapid UI development and modern design adherence. Challenges addressed included a mobile-first design approach, utilizing Local Storage for cart data persistence, and managing static assets by shifting them to the public folder for enhanced production readiness. Hosted on Heroku, Audiophile blends aesthetics with functionality.

Employment History

Picker/Stower, Amazon UK, Rugeley

AUGUST 2016 — FEBRUARY 2024

Throughout my warehouse experience, I developed a keen attention to detail by performing quality checks and adhering to safety procedures. I demonstrated technical proficiency with electronic hand scanners and lifting equipment, requiring strong technical aptitude. My problem-solving skills were honed by identifying and reporting issues, ensuring compliance with policies. Effective communication and teamwork were essential, as I regularly communicated with team members and participated in training sessions. Additionally, I refined my organizational skills by maintaining a clean and organized environment and methodically packing and storing items. Supporting various departments highlighted my adaptability, a crucial trait in the tech field.

Chef, Vanity Bucharest, Bucharest

JANUARY 2014 — FEBRUARY 2016

My food service experience equipped me with strong organizational skills through controlling and ordering stock, inspecting it on delivery, and storing it correctly. I developed attention to detail and creativity by preparing and cooking food, ensuring it was presented appealingly. Working under pressure to serve food on time honed my ability to manage deadlines and perform in high-stress environments. Adhering to hygiene and health and safety rules reinforced my commitment to compliance and quality standards.