Contact

balasandrei200@gmail.com

LinkedIn profile-Balas Marius Andrei

GitHub Page – Balas Marius Andrei

Top Skills

Javascript

React

Node
CSS
HTML

Object-Oriented Programming (OOP)

Languages

English (Full Professional)

Romanian (Native or Bilingual)

Andrei Balas

Student at Universitatea „Dunărea de Jos" din Galați
Galati, Romania

Summary

Experienced in web development with a focus on React, Node.js, and MongoDB. Skilled in creating complex web applications with user-friendly interfaces and secure authentication systems. Proficient in integrating APIs like Google Maps for enhanced functionality. Strong in database management and sensitive data security. Completed internships at OSF Digital and Nenos Software, gaining hands-on experience in full-stack development. Currently a Student Worker at a university, specializing in Automatic Control and Systems Engineering. Seeking opportunities to further enhance my skills and contribute to innovative projects in a dynamic work environment.

Experience

University of "Dunarea De Jos"
Student
October 2021 - present Hybrid

 I was guided in the design, development, and implementation of a complex web application in React for parking space rental and borrowing, with the following features and technologies: Registration, Search, and Rental Functionality for Parking Spaces as well as a placeholder for the payment functionality: I conceived and implemented the user registration functionality, the process of searching for available parking spaces, and the rental process. User Authentication and Secure Login: I implemented a robust user authentication system, based on password hashing techniques and JSON Web Tokens (JWT), ensuring the security of users' sensitive data. Database Management with Mongoose (MongoDB): I designed and implemented the database structure using Mongoose for MongoDB, ensuring eïcient storage and quick access to data. Sensitive Data Security: I used an .env íle to manage and protect sensitive data, such as API access keys or other coníguration information. Directory Architecture and Server-Client Division: I adopted an organized project structure, with a clear division between the server side (using Node.js and Express.js) and the client side (developed in React), ensuring

scalability and ease of code management. Integration with Google Maps Places API: I integrated the Google Maps Places API to allow users to search for and view parking spaces on the map, providing an interactive and intuitive experience. Using React Particles for Background Eìects: I implemented attractive visual eìects using React Particles, adding an additional level of interactivity and aesthetics to the application. Using Context API for Global State Management: I implemented a special context íle in React to eïciently manage the global state of the application across all pages, ensuring smooth communication between components. This project challenged me to apply my knowledge and skills in
web development and demonstrate the ability to create complex
and scalable technical solutions.

OSF Digital
Intern
June 2023 - July 2023 (2 months)
Remote

I developed a shopping website from scratch (FE, BE, Design) and

adapted it to the received database.

Some of the technologies used: Handlebars, Mongoose, eslint,

Environment variables, Express.js, Node.js.

Nenos Software
Full-Stack Web Developer
August 2022 - February 2023 (7 months)

Electronic Arts (EA)
QV Tester
July 2021 - October 2021 (4 months)

- Conducted thorough quality assurance testing on software applications to

identify defects and ensure functionality meets requirements

- Developed and executed test cases, scripts, and plans to validate system performance and usability
- Collaborated with cross-functional teams to communicate issues, troubleshoot problems, and drive resolution
- Utilized testing tools and methodologies to improve efficiency and accuracy of testing processes
- Documented test results and provided clear and concise reports to stakeholders
- Contributed to continuous improvement initiatives by providing feedback and suggestions for enhancing product quality

---

Education

Universitatea „Dunărea de Jos" din Galați
Automation Engineer Technology/Technician · (2020 - 2024)

Liceul teoretic "Panait Cerna"
Inforrimatics-Mathematics · (2016 - 2020)