Michael Telakowicz

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Education

University of Akron – B.S. Computer Science   **GPA: 3.9/4.0**
Relevant Coursework: Computer Science I & II, Internet Systems Programming, Software Engineering

Front-End Developer Bootcamp | Certificate   **Jul 2022 – Feb 2023**
Frontend Simplified

Experience

Full-Stack Developer Intern   **Jun 2023 – Current**
Codehouse Solutions

- Developed responsive and user-friendly web applications in line with the Software Development Life Cycle, using TypeScript, React, and Tailwind CSS to develop high-quality user experiences across web and mobile interfaces.
- Utilized a Kanban board to manage project tasks and track progress, facilitating seamless project coordination and efficient Agile development.
- Lead backend development for a Next.JS web app using AWS Amplify, Appsync APIs, Lambda functions, and DynamoDB to offer a faster time-to-market, with serverless horizontal scaling.
- Developed Infrastructure as Code with AWS Cloud Formation to enable AWS DynamoDB Streams for real-time, event-driven functionality.

Full-Stack Developer Intern   **Jul 2023 – Aug 2023**
PRC-Saltillo

- Effectively merged user stories into a pre-existing codebase, showcasing exceptional adaptability and problem-solving prowess within a dynamic and high-speed development ecosystem.
- Developed and maintained front-end components using Vue.js and enhanced user experience through responsive design with Tailwind CSS.
- Implemented new features and resolved bugs in a PHP-based backend system, contributing to overall system stability and performance.

Front-End Developer Internship   **Sep 2022 – Feb 2023**
Frontend Simplified

- Transformed a completely static HTML, CSS, JavaScript, and React single-page application into an interactive user interface using animations, transitions, and carousels.
- Proficiently utilized Axios to handle API requests, enabling dynamic data presentation sourced from a cloud server, which was elegantly showcased through skeleton loading states, pagination, and dynamic routing.

Projects

Space Model | Website | GitHub

- Integrated an external API to dynamically fetch and display detailed descriptions and information about each planet, ensuring up-to-date and informative content.
- Developed an interactive web application using React.js and Three.js, leveraging the Tween.js library to implement smooth animations, providing users with an immersive experience within the space model.

Video Game eCommerce Store | Website | GitHub

- Developed a React-based multi-page eCommerce website with an interactive user interface, search functionality, shopping cart, and user data-saving capabilities.

Technical Skills

Programming Languages: Python, PHP, JavaScript, TypeScript, C++
Frameworks: React.js, Vue.js, Three.js, Redux, Next.js, Laravel, Tailwind, Sass
Other Skills: Git, GitLab, AWS (IAM, DynamoDB, Lambda, Amplify, AppSync), Firebase, HTML, CSS