

Michael Telakowicz

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Education

University of Akron - (B.S. Computer Science)

Coursework: Software Engineering, Data Structures, DevOps, Internet Systems, Object Oriented Prog.

GPA: 3.8/4.0

May 2026

Front-End Developer Bootcamp

Frontend Simplified

Jul 2022 – Feb 2023

Professional Experience

Codehouse Solutions

Software Engineer Intern

Jun 2023 – Sept 2023

Remote

- Spearheaded the development of 5 responsive web applications from concept to deployment, transforming Figma designs into functional prototypes using TypeScript and React; adhered to modern development standards to ensure robustness and scalability.
- Led backend development on a 4-person team for Next.JS web apps using AWS Amplify, Lambda functions, and DynamoDB to offer a faster time-to-market, with serverless horizontal scaling.
- Implemented 2 secure API endpoints with AWS AppSync, providing efficient data access while prioritizing data security and authentication.
- Utilized a Kanban board to manage 50+ project tasks and track progress, facilitating seamless project coordination and efficient Agile development.

PRC-Salttillo

Software Engineer Intern

Jul 2023 – Sept 2023

Remote

- Maintained 20+ front-end components using Vue.js and enhanced user experience through responsive design with Tailwind CSS.
- Implemented new features and resolved 10+ bugs in a PHP-based backend system, contributing to overall system stability and performance.
- Managed and maintained an SQL database supporting over 1000 users, ensuring optimal performance, data integrity, and security measures.
- Integrated 15+ user stories into an existing codebase, demonstrating adaptability in a fast-paced development setting; reduced bug-fixing time by 20%.

Frontend Simplified

Front-end Developer Intern

Sept 2022 – Feb 2023

Remote

- Transformed a 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 data presentation sourced from a cloud server, showcased through skeleton loading states, pagination, and custom routing.

Projects

Space Model | space-model.web.app

- Designed and developed a visually immersive 3D model of the solar system utilizing the three.js framework, enhancing user engagement and understanding of astronomical concepts.
- Integrated an external API to dynamically fetch and display detailed descriptions and information about all 8 planets, ensuring up-to-date and informative content.

Video Game eCommerce Store | game-mart-1617a.web.app

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

Technical Skills

Languages: HTML5 | CSS3 (+ SCSS, BEM) | JavaScript ES6+ | Typescript | Python | C++ | PHP | SQL

Frameworks: Tailwind.css | React (+ hooks) | Vue.js | Next.js | Three.js | Material-UI | Redux | Laravel

Technology: NPM | Git | Yarn | CMake | Docker | React dev tools | Firebase v9 | GitHub | GitLab | AWS