

# Michael Telakowicz

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## Education

### University of Akron

May 2026

Bachelor of Computer Science – Minor in Applied Mathematics, AI & Machine Learning Certificate

- Awards: Williams Honors Student, Presidential Scholar, Choose Ohio First Scholar – **GPA: 3.4**
- Coursework: Software Engineering, Algorithms, Data Structures, DevOps, Database Management
- Extracurriculars: **Phi Gamma Delta** – Vice President/Treasurer, **IFC** – Vice President of Operations

## Experience

### PRC-Salttillo

Wooster, OH

Junior Web Developer

Sep 2025 – Current

Software Engineer Intern

July 2023 – Aug 2023, May 2024 – Aug 2024, May 2025 – Sep 2025

- Identified inconsistencies in hardcoded admin role lists in the **front-end** and spearheaded the development of a centralized configuration file in **Vue.js** to establish a single source of truth for contributor roles, resulting in a **66%** reduction in code duplication.
- Managed and maintained an **SQL** database supporting over **1000** users, ensuring optimal performance, data integrity, and security measures.
- Wrote and tested modular **PHP** code to implement new features, collaborating with senior developers to ensure bug-free, maintainable solutions in a fast-paced **Agile** environment.

### University of Akron College of Business

Akron, OH

Web Developer

Mar 2024 – Current

- Maintain over **300** web pages as a **sole** web developer using **HTML**, **CSS**, and **Bootstrap** to ensure a consistent and engaging online presence.
- Work directly with faculty and staff to implement ~**3** weekly tickets, translating requirements into timely web updates and enhancements.
- Utilize **Photoshop** to crop and edit images for web content, ensuring high-quality visuals that enhance the overall user experience and reducing unnecessary photo sizes by up to **80%** for faster loading times.

### Codehouse Solutions

Remote

Software Engineer Intern

Jun 2023 – Sept 2023

- Spearheaded the development of a **3-page** responsive eCommerce store, transforming **Figma** designs into functional prototypes using **TypeScript** and **React**, with dynamic content that adjusted based on the user's membership status, ensuring robustness and scalability.
- Led backend development for a **Next.js** web application as part of a **4-person** team, utilizing **AWS Amplify**, **Lambda** functions, and **DynamoDB** to achieve faster time-to-market and enable serverless horizontal scaling for the project.
- Implemented secure **API** endpoints with **AWS AppSync**, improving data access efficiency while maintaining a strong focus on security and authentication, which led to a **33%** reduction in data access errors.

## Projects

### Video Game eCommerce Store | [game-mart-1617a.web.app](http://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.
- Implemented search functionality by integrating an external **API** with **Axios**, allowing users to dynamically query and filter game data.

### Space Model | [space-model.web.app](http://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.

## Technical Skills

- **Languages:** HTML | CSS (+ SCSS, BEM) | JavaScript | Typescript | Python | C++ | Java | Ruby | PHP | SQL
- **Frameworks:** Bootstrap.css | Tailwind.css | React.js | Vue.js | Next.js | Three.js | Material-UI | Redux | Laravel
- **Technology:** NPM | Yarn | Git | CMake | Docker | React dev tools | Firebase v9 | GitHub | GitLab | AWS