

Work Experience:**Web Developer, Accelerate Education****May 2025 – Present**

- Assist in developing responsive web pages for K–12 online courses using HTML5, CSS3, JavaScript, and Bootstrap
- Built video instruction pages by implementing layouts and embedding video content according to development documentation.
- Inserted audio playback for all written content on course pages by adding audio tags at the start of each text block, improving accessibility.
- Collaborate with content and design teams to ensure consistency, accessibility, and alignment with educational standards.

Team Lead & [Web Developer](#) and Lab Assistant Academic Technology Labs, University of North Texas.**August 2022 –December2024**

- Built a departmental website that centralized information for 11 labs, simplifying navigation for students and staff to access lab resources, make reservations, and receive IT support.
- Utilized **React** to build interactive front-end components, **JavaScript** for dynamic functionality, and **HTML/CSS** for clean, maintainable web design.
- Managed a team of over 20 student employees, ensuring efficient operations and delivery of IT services across multiple campus labs.
- Spearheaded troubleshooting efforts for software, hardware, and other lab services, resulting in improved service reliability and student satisfaction.
- Enforced lab policies and best practices, fostering a professional and organized environment for students and staff.
- Provided technical support to 100+ students and faculty per week, troubleshooting software and hardware issues across 6 labs, reducing downtime for academic use.
- Assisted in maintaining 100+ lab computers, ensuring they remained fully operational by conducting routine updates and troubleshooting.
- Assisted in managing lab equipment, contributing to a significant reduction in equipment-related issues through consistent maintenance and checks.

Software Engineer Internship, Springer Capital · Internship**Feb 2025 - May 2025**

- Contributed to a production React + TypeScript codebase, focusing on performance tuning and code cleanup.
- Refactored UI components using memoization, custom hooks, and modular widgetization to reduce re-renders and improve maintainability.
- Supported rollout of a reusable widget system across the app, improving consistency and reducing duplication.
- Participated in code reviews, and day-to-day development in an agile team environment.

Education:

University of North Texas | Denton, Texas

December 2024

Bachelor of Science | Computer Science | ABET accredited**GPA: 3.8****Skills:**

Java | C | Python | C# | HTML | CSS | JavaScript | React Native | Software testing | React | MySQL | Computer Networking | AWS | web development

Projects:

1. **Code Profiling and Performance Analysis Tool: (Flask, Python, Performance Optimization, Data Visualization)**
 - Developed a Flask-based web application to analyze Python code performance, providing **real-time profiling and statistical insights** to help developers identify bottlenecks.
 - Integrated **profiling techniques** (cProfile, timeit) with **data visualization** tools (Matplotlib) to display execution time and resource consumption.