

## Case Study

# Achieving Comprehensive WCAG 2.1 AA Compliance for an eLearning Platform

**Magic  
EdTech**

### The Client

The client is a prominent e-learning company based in the US, specializing in comprehensive online learning solutions. Their offerings include a synchronous teaching platform integrated with customized programs focused on K-8 Reading and Math.

### The Challenge

The client faced a significant challenge in addressing accessibility issues within their web-based platform, specifically targeting the Student & Teacher Portal. The primary goal was to ensure that the platform complied with WCAG 2.1 AA standards, making it accessible to individuals with disabilities.

### Critical Success Parameters

- ✓ Understand the business needs and goals to ensure alignment with cost and timeline efficiencies.
- ✓ Develop guidelines for common accessibility issues and their remediation strategies to ensure consistent and efficient issue resolution.
- ✓ Engage accessibility experts to provide valuable insights and feedback.
- ✓ Integrate automated testing with manual evaluations to ensure a comprehensive assessment of accessibility compliance and user experience.

### Our Approach

- ✓ Collaborated closely with the customer for planning, prioritizing, and execution, ensuring agility, transparency, and quality.
- ✓ Involved accessibility consultants, including individuals with disabilities and assistive technology users, to oversee the remediation work.
- ✓ Implemented technical fixes to address accessibility issues, optimizing code for screen readers, enhancing keyboard navigation, and ensuring compatibility with assistive technologies.

For more details, visit: [www.magicedtech.com](http://www.magicedtech.com)



### Key Result Highlights

Identified and remediated **~1.3K** accessibility defects across Student, Instructor, and Admin workflows.

Delivered a WCAG -compliant product within **12** months, 2 months ahead of schedule, with an average velocity of **150** story points per sprint.

Achieved full platform compliance, creating an inclusive learning environment.

Submitted a **VPAT** report showcasing the platform's improvement post-remediation.

Nominated for the 2023 Learning Impact Awards by IMS Global for the exceptional product.