

Umaid Shahid

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Education

Rheinland-Pfälz Technical University, Germany – MSc in Computer Science	2025 -
University of Central Punjab, Pakistan – BSc in Computer Science	2020 - 2024

Experience

Full Stack Software Engineer , YRA Tech – Massachusetts, USA (Remote)	July 2024 – Present
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- Developed an enterprise-grade accessibility testing platform
- Building and maintaining robust web applications using Next and React
- Developing server-side logic and RESTful APIs using Next and Typescript
- Designing and implementing database schemas and queries using PostgreSQL
- Creating responsive and accessible user interfaces
- Implementing automated accessibility testing, integrating WCAG 2.1 guidelines
- Using tools like axe-core, Testaro & IBM-Equal Access
- Staying current with evolving web standards and accessibility guidelines

Skills

Frameworks: React, Next, Node

Languages: Javascript, Typescript, C, C++, Python, PostgreSQL, MongoDB

Tools: AWS (EC2, Lambda, S3, CloudFront), Git, Github, Docker, Coolify, Vercel, Jira, Testaro

Projects

Accessible Footnotes TinyMCE Plugin	github.com/wittjeff/tinymce-accessible-footnotes-plugin
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- Free and open-source plugin for TinyMCE 6.2+
- Enables easy creation of WCAG-compliant footnotes
- Implements proper ARIA attributes for accessibility

Color Contrast Analyser Chrome Extension	github.com/wittjeff/color-contrast-chrome
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- Chrome extension for analyzing color contrast per WCAG guidelines
- Captures full viewport or selected screen areas
- Highlights insufficient contrast areas with pixel-level precision
- Helps developers improve accessibility during design and development

Certificates

Foundations of Cybersecurity: Google

Play It Safe: Manage Security Risks: Google

Operating Systems: Overview, Administration, and Security: IBM

AWS Cloud Technical Essentials: AWS