

BRETT BARTYLLA

PROFESSIONAL EXPERIENCE

Software Engineering Lead – Accessibility 2019–Present Ameriprise Financial | Minneapolis, MN

- Lead enterprise accessibility strategy, mentoring teams and establishing governance to deliver WCAG 2.2 AA-compliant web experiences at scale.
- Implement automated accessibility testing in local development environments and CI/CD pipelines, improving detection and remediation of accessibility issues.
- Partner with developers, designers, and product teams to integrate accessibility into frontend architecture, design systems, and agile workflows.
- Founded and manage dashboards tracking organizational accessibility metrics, remediation progress, and audit performance.
- Collaborate with external vendors to identify, document, and prioritize accessibility enhancements, while driving organizational adoption of inclusive design practices.

Full Stack Developer & UX Designer 2017–2019 RESCO | Hudson, WI

- Designed and developed responsive websites for clients in the commercial food service industry using Ruby on Rails, React, jQuery, HTML, SASS, and CSS Grids.
- Collaborated closely with designers to translate mockups into pixel-perfect, high-performance web interfaces across mobile, tablet, and desktop.
- Delivered tailored web solutions to meet client objectives, from CMS customization (Volusion) to front-end optimization.
- Conducted research and prototyping to evaluate frameworks and emerging technologies for future projects.

Web Architecture and Framework Engineer 2015–2017 3M | St. Paul, MN

- Developed reusable, scalable components for IBM's internal content management system using HTML, JavaScript, SASS, and plugin-based templating.
- Collaborated within an Agile Dual Track Scrum team to prototype, test, and validate user-centered solutions.
- Built and maintained Design Pattern Libraries and authored technical documentation to support content editors and ensure design consistency.

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TECHNICAL SKILLS

Accessibility & Testing
WCAG 2.2 AA compliance
Siteimprove
axe-core
JAWS (screen reader)
jsx-a11y
Keyboard & Assistive technology testing
Cypress CI/CD Accessibility testing

Frontend Development & Design
React
TypeScript
HTML5
CSS3
Design systems
Figma
Wireframing
InVision

DevOps & Workflow
Jenkins CI/CD pipelines
Git/Bitbucket
Agile development processes

CERTIFICATIONS

Influencing Through Positive Leadership, 2023
Leadership and Self-Leadership for Remote Workers, 2023
Building A Leadership Development Plan, 2023
Emotional Intelligence in Leadership, 2023
WeCo Digital Disability Accessibility Training, 2017
Scrum Product Owner, 2016
Dual Track Agile Programming, 2016

EDUCATION

Northwood Technical College
IT– Web Analyst/Programmer, 2014