

BRETT BARTYLLA

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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.

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