

Software developer that builds for all people. Passionate about accessibility, user experience, interaction, and bringing it all into code.

## Professional Experience

### Software Engineer – Ameriprise Financial

Sep 2021 – Present

- Met compliance with WCAG 2.2 AA standards by shipping dozens of targeted accessibility improvements to our UI components (*React, HTML/CSS/JS*)
- Delivered multi-phase enterprise brand redesign in under one year, touching almost every component in design system (80+) and dozens of user-facing applications
  - Received Chairman's Award (company's highest honor) for our efforts
- Eliminated dozens of obsolete dependencies by refactoring build pipeline to utilize LESS CSS preprocessor
- Improved speed and agility for releases by upgrading CI/CD configuration (*Jenkins, Docker, Artifactory*)
- Reduced time for code reviews and improved release timelines substantially by converting and refactoring monolithic repository into monorepo for better separation of concerns
- Conducted accessibility testing with keyboard-only navigation, VoiceOver, SiteImprove automated scanner
- Updated and expanded documentation site for design system (*Express, Handlebars, Markdown*)
- Technical team lead and mentor to colleagues on a team of 3 engineers
- Hosted office hours 3 times/week supporting 50+ product designers and engineers

### UI Developer – Hamm Interactive / Ameriprise Financial (Contract)

Feb 2020 – Sep 2021

- Eliminated several hundred lines of unnecessary code by refactoring annual report web application to utilize enterprise design system
  - Improved accessibility by providing appropriate captions, alt text for visual information, and correct table semantics, enhancing user experience for diverse audiences
- Improved automated accessibility scan scores by 12 points (17%) by conducting comprehensive accessibility audit and providing actionable steps, significantly enhancing experience for users with disabilities

### Full Stack Developer – UnitedHealth Group / Optum

Jan 2018 – Jan 2020

- Reduced manual task from 2 days to around 10 seconds by automating project data collation in Flask application
- Built Domo project data card and created data visualizations to provide a summary of project data (*D3.js*)
- Migrated CICD for Angular application onto Artifactory from a legacy service
- Contributed to migration of automation layer from UI layer to API layer (*C#, .NET*)

# Community & Volunteer Work

## Vice President, Social Media Committee Chair – Nice Moves MN

2024 – 2025

- Develop and improve WordPress site (*PHP, HTML, CSS*)
- Create motion graphics, graphic design assets, schedule committee meetings, coordinate events for animators, motion graphics artists, VFX artists, and other creatives in the Twin Cities
- Provide technical support for audio-visual equipment (microphones, projectors, I/O)

## Consultant – Connected for Change: Tech Day

2024

- Advise non-profit (MN Toy Library) to improve information access on website for diverse user base

## Speaking Engagements

- Minnebar19 - [Accessibility: Adding Why to the How](#)
- Minnebar19 - [3D Printing: Getting Started](#)
- World Usability Day 2024 - *Designing for a Better World* - Panelist (Hosted by UXPA MN)

## Personal Work

[Proton to KeePass](#) – Convert encrypted Proton Pass exports to KeePass databases

[postcss-hocus-pocus](#) – Small extension for PostCSS to provide shorthand for :hover/:focus/:active selectors

## Certifications

- [Certified Professional in Accessibility Core Competencies \(23MACCM126\)](#)
- [NN/g UX Certified](#) (1055208)
- [UserZoom Certified](#)

## Education

B.A. Computer Science | Gustavus Adolphus College

## Skills

- |  |                                  |                                     |
|--|----------------------------------|-------------------------------------|
| • HTML / CSS                           | • Web Components                 | • Figma - Plugin Development        |
| • PostCSS                              | • Storybook                      | • Design Systems                    |
| • CSS Preprocessors (Sass, Less, js)   | • Stencil.js                     | • User Experience Design            |
| • JavaScript / TypeScript              | • Gulp.js                        | • Adobe Creative Suite              |
| • React / Next.js                      | • Python                         | • Agile / Scrum                     |
| • ESLint                               | • Semantic Version Control / Git | • Project Management                |
| • Markdown / MDX                       | • WCAG                           | • Linux                             |
| • REST APIs                            | • WAI-ARIA                       | • Cross-Team Collaboration          |
| • Software Testing (Jest, Mocha, Chai) | • Accessibility Testing          | • Technical Writing & Communication |
| • Node.js                              | • Screen Readers                 | • Technical Leadership              |
| • Express                              | • Lighthouse                     | • Inclusive Design                  |
|  | • GitHub Copilot / AI            |                                     |
|  | • Figma                          |                                     |