

Patty Fresonke

Software Engineer

Contact

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 [LinkedIn](#)

 [Portfolio](#)

Education

University of Minnesota

Crookston, MN

Bachelor of Science

- Software Engineering

Minors in:

- Information Technology

Management

- Graphic Design

Udacity

Nanodegree

- Front-End Web Development

Awards: 2-time Grow with

Google Developer Scholarship

Recipient

Minnesota State Community and Technical College (M|State)

Detroit Lakes, MN

Associate of Applied Science

- Web Development

- Computer & Network

Technology

- Computer Network Security

Skills

Proficient with:

- HTML

- CSS

Professional Experience

Software Engineer Forum Communications Company | Fargo, ND

- Key engineer in start-to-finish delivery, including the development, implementation, and maintenance of software solutions of front-end design and core functionality, of 20+ news publication websites.
- Full-stack trained with an emphasis on front-end development.
- Developed well designed, testable code that was user-centered, cross browser, mobile-first, responsive websites, using modern web technologies.
- Implemented and maintained integrations with external APIs to enhance the core platform.
- Collaborated with product and project management to refine specs and timelines.
- Brainstormed with product managers and designers to help guide decisions based on my knowledge of the codebase and design standards.
- Conducted thorough code reviews to ensure coding standards and design specifications were met and to foster a culture of continuous improvement within the development team.
- Assisted with employee onboarding, mentored junior engineers, and documented best practices to ensure team growth.
- Active participant in Agile Ceremonies, including daily stand-up meetings, bi-weekly refinement sessions, sprint planning, sprint retrospectives, and SDLC meetings.
- Assisted team members on reaching goals to ensure tasks were completed on time.

Key Projects and Achievements

- o *A primary member of the team implementing new CMS platforms.*
 - *Assisted in the research phases of choosing a new CMS.*
 - *Developed new front-end designs and CMS tools for each platform.*
- o *Experienced with both traditional and headless systems: Custom CMS, Drupal, Stibo CUE, and Brightspot.*
- o *Lead software engineer in creating a mobile first web edition of our news publications to showcase the top articles for each day.*
 - *Styled the front-end using Handlebars, HTML, and LESS to UI/UX Figma specifications.*

- SCSS
- Sass
- LESS
- JavaScript
- JSON
- jQuery
- Twig
- Handlebars
- PHP
- Git
- GitHub
- Bitbucket
- Jira
- Confluence
- Docker
- Gradle
- IntelliJ IDEA
- Atom
- Agile workflow
- SDLC
- Code reviews
- End-to-end testing
- Adobe Creative Suite
- SpinGo calendar widgets

Experienced with:

- React
- AngularJS
- Java
- Atomic Design
- Google CSE
- AWS
- Amazon Alexa Skill Kit
- Squarespace Domains
- WordPress
- Databases
- MySQL
- GraphQL

- *Applied Javascript functionality to display the full content of each article with the click of a button.*
- *Created a unique content type to display the results of a custom query with Java.*
- *Integrated data from back-end services and databases.*
- *Part of a two-person team tasked with creating a custom solution for specialty, edge-to-edge style websites.*
 - *Prototyped proposed solutions and researched applicable technologies.*
 - *Implemented the final solution using Atomic Design, Twig, Sass, and GraphQL.*
- *Created an Amazon Alexa Skill for each of the news publications to let users hear the most popular stories of the day.*
- *Followed UI/UX designs to produce a custom weather page featuring third-party widgets, location search, featured weather video, radar map, and related articles.*
- *Managed custom SpinGo calendar widgets for all publications.*
- *Culture Leader for company culture initiative, which involved planning and executing company-wide events for all employees.*

Graphic Designer & Web Developer Freelance | Moorhead, MN

- Communicate design ideas with clients to create logos, advertising materials, HTML mockups, and websites.
- Designed graphics for use in event promotion, including posters and visual content for Facebook and Instagram posts.
- Created new and edited company logos, to boost brand image.

IT Support Technician Arvig Communication Systems | Perham, MN

- Ran computer diagnostics and provided troubleshooting both in person and remotely.
- Maintained and updated hard- and software on company devices.
- Clearly communicated processes and solutions with users.
- Created and updated documentation concerning network, software, and hardware problems.

Computer Help Center Tech M|State College | Detroit Lakes, MN

- Helped troubleshoot reported issues concerning viruses, hardware and software problems, and login processes.
- Upgraded, replaced, and installed hardware components.
- Created training and informational presentations, and instructional documents for end users and Help Center employees.