



Emily Mikl

Design Systems Engineer

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About Me

Principal Front End Engineer specializing in creating design systems, with over 7 years of industry experience delivering delightful user experiences for enterprise-level software. In-depth knowledge of WCAG a11y standards, design systems and component libraries. Experience working remotely as part of a team spread out across the United States.

Skills

Deep knowledge of front-end architecture: HTML/CSS, SCSS/LESS, Angular, Angular Material, Typescript, Javascript, and NPM (including managing packages from a private artifactory). Proficient using Git, Git Hub, Atlassian tools, and Adobe CS apps. Graphic design and web design chops.

Experience

First Citizens Bank, Raleigh, NC (remote)

April 2022-Present

Principal developer for our corporate design system, Evolve. Building the design system from the ground up in partnership with our UI/UX team. In charge of driving the vision and owning the design system road map. Architecting and documenting SCSS and React components. Leading and mentoring a squad of front-end developers, helping them advance their skills and take their careers to the next level. Evangelizing the usage of the design system throughout the organization and teaching teams how to utilize it in their applications. Currently delivering a prototype built with Evolve and Angular to the equipment finance team as a sales tool to help close a \$100M/year deal for the bank.

Nelnet, Inc. (Formerly Great Lakes Higher Education)

Jan. 2016-March 2022

Lead developer for the corporate design system, Unifi. Built and fully documented reusable, accessible components that delivered a consistent look and feel for Nelnet products.

Some of my accomplishments at Nelnet include:

- Creating our Unifi Angular component library from scratch. You can view my components at work by visiting angular.unifi.nelnet.io.
- Evangelizing the usage of our Unifi Design System throughout the organization. Mentoring and teaching developers how to use the design system.
- Migrating our clients' marketing products to HubSpot CMS which freed up our dev team to work on higher priority efforts.
- Leading our office remodel effort, which included gathering requirements, facilitating discussion and compromise, and working with our facilities team on the remodel plans and budget.

Mason Companies, Inc.

Aug. -Dec. 2015

Web Designer on Internet marketing team. Duties included designing and developing emails and content for company websites (nine total ventures and brands), and creating responsive email campaigns (design and code).

Great Lakes Higher Education

May-Aug. 2015

Completed a summer internship as a web design intern. Duties were project-based, and included graphic design for both print and web, front-end development. Worked as part of a large Agile scrum team that included designers and developers.

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Eau Claire Economic Development Corporation**May-Aug. 2014**

Completed a summer internship as a front-end web developer on a community project. Created graphics for the project website and altered the WordPress template with CSS and PHP.

Bloomer Advance, Inc.**May 2000-Mar. 2013**

Thirteen years of working on a deadline as a desktop publisher/graphic designer. I led the initiative to switch to digital pagination, coordinating with the press company and training our internal staff. After getting our newspaper successfully switched over, I trained and successfully helped migrate our other four newspapers to digital pagination. I also led the initiative to publish our newspapers online, which eventually led to my career change into web development.

Education**UW-Milwaukee****Sept. 2021-Ongoing**

BS Information Science & Technology

UW-Stout**Sept.-Dec. 2019**

BS Information Communications & Technology

Chippewa Valley Technical College**Graduated Dec. 2015**

Associates Degree in Software Development



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