

# Sapphya Wiser

## Front End Engineer

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Creative and driven Front End Developer with a strong foundation in both design and development, and a passion for both. Thrives in collaborative environments - and on the volleyball court.

## Skills

Angular

React

JavaScript/ES6+

TypeScript

CSS3/HTML5

Node.js

Python

MySQL

Unit Testing

Pytest

Jest

AWS Amplify

Git

UI/UX Design

Figma

Adobe XD

Agile/SCRUM

WCAG 2.x

## Experience

### Freelance Web Developer

Self-Employed | May 2024 - Present

- Collaborated with clients in consulting industries, designed and developed custom websites with a focus on accessibility, responsive design, and SEO & site optimization.
- Developed [mitokhon.com](https://mitokhon.com) for MitoKhon, a consultancy advancing health equity and social justice across healthcare systems. Built the site in WordPress using Breakdance and custom CSS. Extended the initial Figma designs of three core pages into ten **fully responsive, accessible layouts**. Delivered **ahead of schedule and under budget**, earning praise from the client, designer, and project manager for clean implementation and seamless user experience.
- Optimized SEO and performance for Enoch & Co, a real estate advisory firm. Minified images, streamlined code, and implemented SEO strategies.

## Front End Developer

Pacific Northwest National Laboratory | Mar 2021 - Dec 2023

- Worked closely with cross-functional teams to develop interactive, data-driven visualization platforms for scientific collaboration. Utilized expertise in Angular, React, TypeScript, and Python to contribute to the creation of cutting-edge solutions tailored to meet project requirements.
- Took ownership of UI design for a key project, creating a feature that helped secure an additional **\$50K in funding**. Anticipated needs ahead of client demos to polish the product, resolving last-minute bugs and shipping features under pressure to ensure a seamless, high-quality presentation.
- Played a key role in improving code quality, reducing technical debt, and mentoring junior staff members, fostering a collaborative and growth-oriented work environment.

## Web Development Intern

Pacific Northwest National Laboratory | May 2020 - Aug 2020

- Contributed to the early development of a React-based data visualization tool, implementing core logic and structure based on design mockups.
- Supported technical decision-making by researching and recommending charting libraries, including the team's eventual adoption of D3.js.

## Undergrad Research Assistant

UT Austin Nuclear Engineering Teaching Lab | July 2018 - Dec 2020

- **Led software development** for outdoor air samplers, using Python, Django, JavaScript, and HTML/CSS to build a Django-based server for local result processing.
- Worked with a multidisciplinary undergraduate team across the sciences, contributing to a successful field test that informed further development by collaborators at a national lab. Later **co-authored a publication** detailing the system's methodology.

## Education

### B.S. Mathematics

University of Texas at Austin | 2019 - 2023

### Certificate in Computer Science

University of Texas at Austin | 2020 - 2023

### A.S. Mathematics

Austin Community College | 2018 - 2019