

John Mills

Software Engineer (Front-End)

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Pragmatic and value-driven front-end engineer with extensive hands-on experience developing large-scale front-end applications. I have a keen interest in crafting intuitive UIs that add value within modern tech stacks and distributed systems.

TECHNICAL SKILLS

Javascript: ES5/6/7, Vue, React, Typescript, Components, Async/Await/Promises, Event listeners, DOM manipulation, Map/Filter/Reduce/Etc, REST API integrations, **UI/X:** Deep CSS knowledge, Flexbox, Bootstrap, Animations, User-centered principles, Responsive design, Browser compatibility, **Full-stack:** Microservices with Node/Express/WebSockets, Database structures, API testing tools, Debugging tools, Git branching/merging, CI/CD using Gitlab, NPM, CLI tools, Build processes, Agile

WORK HISTORY

Allbridge, Software Engineer (Front End), March 2018 - Present

Currently developing next-generation, user-facing experiences in the IT/Networking space using Vue.js

- Built and shipped the MVP of our Vue.js app that allows customers to manage their hotel wi-fi networks.
- Developed a cutting-edge network-scheduling-tool that offers network access during conferences.
- Developed a robust personal-area-network-tool that offers network access at resident communities.
- Developed a sleek drag-and-drop dashboard with 10+ available modules.
- Developed an innovative no-code solution to create client connect pages to increase spin-up time 10x.
- Front-end subject matter expert to team; Responsible for a code-base of 200+ custom components.

2015-2018: After a major lifestyle change, I fully invested in myself and retooled my skill-set towards Javascript engineering, and am now loving every bit of modern software development.

UW-Milwaukee, Web Developer, 2005-2015

Developed leading-edge web projects, sites, redesigns, landing pages, promo content and more.

FEATURED PROJECTS

I like developing light-weight, performant native JS apps and games, learning new technologies, and staying current with modern trends. Check out my [Github](#) for more up-to-date demos and examples of my interests.

Wordle Clone: Built with React-Typescript-Vite with a simple dictionary of common, friendly words. After learning the basics of React and Typescript, I set out to demonstrate my knowledge and create a clone that uses the bare minimum dependencies, is near-original, with clean and readable code.

Node Auth Rest API: I always thought of authentication to be mysterious and daunting, so I set out to immerse myself in all the modern mechanisms for rolling your own auth solution using Node. In this project, I developed a clean, readable, and robust authentication workflow to register, activate, login, reset password, and view authenticated user data. Built with Node using Express, Nodemailer, Mongo, and JWTs.

EDUCATION

UW-Milwaukee, BS in Information Systems, 2005