

JOHN MILLS

Frontend Software Engineer

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SUMMARY

Experienced and pragmatic front-end software engineer in Milwaukee, WI. Proud UWM alum. Expert in modern JS and UI for the web. Skilled in Javascript, React, Vue, Visualizations, UI, CSS, Vite, Docker, Git, Devops.

EXPERIENCE

ALLBRIDGE, *Frontend Software Engineer*, 2018–Present

Simplifying complex IT/networking challenges with JS, React, and Vue including

- * Robust features for monitoring and supporting hotel wifi networks
- * Sleek UIs that integrate with specialized network equipment
- * Clean code and architecture with functional React and Vue
- * Deep integrations with Rest APIs
- * Compelling visualizations and dashboards

UNIVERSITY OF WI-MILWAUKEE, *University Web Strategist*, 2010–2015

- * Unified extensive university-wide web presence with guidelines and outreach
- * Spearheaded campus-wide initiatives to implement and track web usage statistics
- * Led campus-wide initiatives to strengthen the UWM brand across its web properties

UNIVERSITY OF WI-MILWAUKEE, *Web Developer*, 2005–2010

- * Developed leading-edge websites, landing pages, and promotional content
- * Migrated static sites into content management workflows and systems

EDUCATION

UNIVERSITY OF WI-MILWAUKEE, *BBA in Information Systems & Marketing*, 2005

ABOUT ME

- * 5 years experience in modern javascript including Vue, React, Typescript, and ES
- * 5 years experience with REST APIs, async/await, and data return responses
- * 5 years experience shipping front-end production features and fixes
- * 5 years experience working with Git and Gitlab to collaborate and deploy code
- * 15 years experience writing CSS and building UIs
- * Experience with Fullstack technologies including Node, Express, and MongoDB
- * Experience with Web Tools including Docker, NPM, Webpack, Vite, and YML pipelines
- * Experience with AWS technologies including S3, Route53, and Cloudfront
- * Skilled with UIs including User flows, Scaffolding, Routing, RWD, Forms, Modals, and Auth
- * Skilled with React including component class and functional techniques
- * Skilled with canvas, SVGs, animations, data visualizations, and modern interactive technologies
- * Pragmatic sensibilities include component abstraction, readable code, and minimal dependencies
- * Interests include visualizing algorithms, retro aesthetics, mini-games, and new technology experiments

SKILLS

Front-end Development, Javascript, ES6, ES7, React, UseEffect, Functional React, Component Class React, Vue, Typescript, Interfaces, Modules, Async, Await, Closures, Arrays, Map/Filter/Reduce/Sort/Every, WebAPIs, Local Storage, Timeouts, Intervals, Service Workers, Performance Tuning, Debugging, Chrome Developer Tools, RWD, Rest APIs, Postman, Insomnia, UI, UX, Form Validation, Error Handling, HTML, CSS, Flex, SVG, Tailwind, Chart.js, D3, Bootstrap, Animations, RequestAnimationFrame, Keyframes, Interactions, Modals, MFA, Auth, Eventlisteners, Canvas, Video, WebGL, Three.js, Audio, Image Optimization, Git, Git CLI, Gitlab, YML, Merge Requests, Github, Fullstack, Docker, Unix, SSH, .ENV, Node, Express, CORs, Middleware, JWT, Web Sockets, MongoDB, NPM, Webpack, Vite, AWS, S3, Route53, Cloudfront, Devops, Staging environments, CI/CD, VSCode