JOHN NGUYEN

SENIOR SOFTWARE ENGINEER · FRONT-END SYSTEMS & ACCESSIBILITY

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SUMMARY

Front-end engineer with 20+ years of experience designing, building, testing and shipping web applications for enterprise and agency clients, including Allstate, Capital One and Mitsubishi Motors. Specializes in reusable web component libraries, accessible (WCAG) interfaces and front-end performance, partnering closely with UX designers.

EXPERIENCE

Senior Software Engineer, Allstate
2018 – Present

Irving, TX

- Develop reusable web components adopted across Allstate's eProposal, Milewise, Roadside Services and Cross-Enterprise products.
- Design UI specifications and prototypes for new product concepts across multiple product lines.
- Build multi-tier applications with React, ASP.NET and Java in fast-paced delivery environments.
- Partner with UX designers to implement the company's Human Interface Guidelines.
- Integrate WCAG accessibility standards and unit testing into shared component development.

Senior User Interface Engineer, Capital One
2015 – 2018

Plano, TX

- Developed and maintained Capital One's Home Loans website and applications in Angular.
- Created reusable web components shared across multiple Home Loans projects.
- Improved download performance across the Home Loans web properties.
- Integrated the front-end codebase with the company's enterprise content management system.
- Implemented unit tests for the pre-qualification application and incorporated WCAG accessibility guidelines throughout.

UI Engineer, iCrossing
2012 – 2015

Dallas, TX

- Built websites for agency clients including Hilton and BlueCross BlueShield of Tennessee, and Mitsubishi Motors' Build & Price vehicle configurator.
- Established project workflow environments from inception for multiple client engagements.
- Resolved defects on existing websites and delivered enhancements that improved functionality and speed.
- Managed concurrent assignments for several large clients, adapting quickly to new projects.

Interactive Developer, Hawkeye
2008 – 2012

Dallas, TX

- Built websites, landing pages and HTML emails on rapid timelines for clients including ThyssenKrupp Elevator and Raising Cane's.
- Collaborated with art directors and UI designers to translate creative concepts into the final build.
- Led development of the agency's new website.

Web & Graphic Designer, The Canyon News
2006 – 2008

Canyon, TX

- Led the redesign and development of the newspaper's website, establishing a new web presence and improving usability; designed print advertisements.
- Maintained workstations, servers, production equipment and software as a volunteer information technology (IT) resource.

SKILLS

Languages: TypeScript, JavaScript, HTML, CSS, SQL, PHP

Frameworks & Libraries: React, Astro, Node.js, Tailwind CSS, Web Components

Testing & Accessibility: Unit Testing, React Testing Library, Playwright, Web Accessibility (WCAG), SEO

Tools & Infrastructure: Git, GitHub Actions, Jenkins, Docker, Vite, Storybook, AWS, MySQL; Figma, Photoshop, Illustrator

EDUCATION

Bachelor's Degree, Marketing, West Texas A&M University
2006

Canyon, TX