

Shaye Davoodi

shaye.davoodi@gmail.com · [LinkedIn](#)

Greater Toronto Area, ON, Canada

DESIGN ENGINEER

Design Engineer with 4+ years of experience building scalable, accessible, and high-performance web products across Automotive, AI, and EdTech. I specialize in translating complex design systems into reusable, production-ready components and delivering polished user experiences at scale. Experienced in shipping 40+ projects, leading full development lifecycles, and collaborating cross-functionally to turn design intent into measurable product outcomes.

TECHNICAL SKILLS

Front-End Engineering:

HTML5, CSS3, Responsive Web Development, Sass, Bootstrap, Vuetify, Materialize, JavaScript (ES6+), Git, Web Interaction Design, CSS/JS Animations, Creative Problem Solving, User-Centered Thinking

Design & Systems:

Figma, Component Architecture, Responsive Design Systems, CMS Platforms, User Experience Principles, Accessibility (a11y), Systems Thinking, Design Collaboration

Professional Strengths:

Communication, Teamwork, Active Listening, Collaboration, Adaptability, Problem-Solving, Time Management, Attention to Detail, Ownership & Accountability, Agile Workflows

PROFESSIONAL EXPERIENCE

Modern Campus

Design Engineer II

Mar 2024 – Present (1 yr 11 mos)

- Owned and led end-to-end delivery of 15+ production high-traffic web platforms, partnering closely with design and product to ship high-quality, scalable user experiences, including uwyo.edu, memphis.edu, steu.edu, and other large-scale institutional platforms.
- Improved front-end performance and responsiveness across devices through code optimization and efficient CSS architecture.
- Enhanced platform accessibility through WCAG 2.1 audits and remediation, improving usability for diverse and assistive-technology users.
- Designed high-fidelity Figma mockups aligned with existing brand systems.
- Partnered directly with clients and cross-functional stakeholders in discovery and review sessions, aligning technical implementation with product goals and user needs.

Design Engineer I

Oct 2022 – Mar 2024 (1 yr 6 mos)

- Engineered reusable, CMS-driven component systems that balanced editor flexibility with design-system constraints, reducing development effort by ~30% and improving long-term maintainability.
- Monitored and iterated on live production environments, proactively resolving issues to maintain reliability and a polished user experience.
- Led front-end architecture and implementation for the company's rebrand launch (modern-campus.com) to meet a high-visibility launch deadline.
- Awarded the Customer Impact Award for delivering solutions that measurably improved client satisfaction and product performance.

iToll

Front-end Developer

Jul 2020 – Mar 2022 (1 yr 9 mos)

- Designed and shipped multiple production web platforms across automotive and insurance domains, including marketplace, booking, and transaction-based systems.
- Led end-to-end product development from UX discovery and high-fidelity Figma design to front-end implementation using Vue.js and Nuxt.js.
- Refactored and optimized an insurance sales platform, improving usability, performance, and checkout flow efficiency.
- Built scalable, API-driven interfaces (B2C and B2B), enabling seamless data exchange and improving operational workflows.
- Developed internal admin panels to streamline customer service operations, increasing team efficiency and visibility into system workflows.
- Created high-conversion marketing landing pages aligned with brand strategy and campaign objectives.
- Established reusable UI components across web and mobile applications, ensuring visual consistency and scalable front-end architecture.

EDUCATION

Bachelor of Arts

Central Tehran Branch University | 2016 – 2020

Professional Development

Tehran Institute of Technology

UI/UX Design · Front-End Development · CMS Systems