# A Front-End Engineer Crafting Enjoyable Experiences

I am a simplifier. A design-centric front-end engineer focused on quality products. Crafting enjoyable experiences for end-users & co-developers that scale. Proactive in implementing a design throughout applications, reducing meetings and increasing the ROI.

## Experience

- HTML
- CSS
- JavaScript
- TypeScript
- Accessibility
- Atomic Design
- Web Components
- Core Web Vitals
- Design Systems

## Senior Software Engineer Team Lead

**Humana** • July 2018 - Present

Led teams as a contributor & mentor delivering a company wide design system and developer experience portal for standardized application structure.

- Built an accessible, flexible, and scalable design system with Tailwind CSS, VueJS and Lit web components.
- Reduced component library CSS by over 75%.
- Created a Tailwind CSS preset populated with brand standard terminology and values.
- Automated a GitHub reporting dashboard with burndown chart & sprint velocity from GitHub Projects via their GraphQL API & Actions.
- Weekly performance audits and guidance to improve Core Web Vitals.
- Authored a custom webpack plugin to track the size of our releases.

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## Technologies

- Lit
- Tailwind CSS
- VueJS
- SASS
- Responsive Images
- Custom Bundler Plugins
- Micro-Frontends
- Progressive Web Apps
- UX Design
- PHP & WordPress
- Agile Methodology

## Education

### ITT-Technical Institute

Associates in Multi-Media

## Former Employment

### Front-End Architect

**Blackstone Media**  •  March 2017 - May 2018

Created an online store and marketing site for Toyota Manufacturing. Assisted UI team in atomic design and led developers in efficient, maintainable code.

### UX Designer & Front-End Developer

**Mission Data**  •  March 2015 - February 2017

Created responsive websites with multi-sourced video integration, utilized SVGs for crisp & scalable graphics, and implemented fluid-typography to scale font sizes based on the screen size.

### Web Designer & Developer

**Net Tango**  •  June 2012 - February 2015

Designed and developed websites in WordPress & Drupal for clients in healthcare, government, small business, and non-profits.

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## Personal Projects

**Randomizr**  •  December 2014 - Ongoing

A Lit application that turns opening Christmas presents into a *names-from-a-hat* game of suspense.

**The Handy Haversack**  •  2021 - Ongoing (Intermittent)

Hugo static site generator with a service worker for offline access. Includes an inventory management application with Lit, Drag & Drop API, Cloudinary assets, and Firebase database.