

# Weston Fribley

8501 14th Ave NW Unit A  
Seattle, WA 98117

## Front End Engineer

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## Experience

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### **Amazon Physical Retail • Sr. Front End Engineer**

*April 2021 - Present • Seattle*

I am the front-end tech lead for a suite of internal web tools critical to our Just-Walk-Out retail experience. I work within my team and across the larger Physical Retail org to plan, design, and deliver projects requiring complex user interfaces. I often work with HTML5 video, real-time video compositing using WebGL, and user interaction with 3D geometry.

### **Amazon Go • Front End Engineer II**

*April 2016 - April 2021 • Seattle*

I worked closely with Principal UX, senior engineers, and our internal customers to build web tooling and specific complex features which allowed us to launch the first Amazon Go store in 2018. We let data drive our design via A/B testing and instrumentation to analyze real user behavior at scale. In 2019 I began leading a project to migrate our front-end code base to TypeScript and Angular, which launched to production in 2020.

### **Amazon Go • Web Development Engineer**

*January 2015 - April 2016 • Seattle*

First front-end hire on a new team working on a key internal component of the Just-Walk-Out shopping experience. I took proof-of-concept web applications and worked with product managers, UX designers, and back-end engineers to deliver production-ready web tools using AngularJS.

### **Hydraulx VFX • Full Stack Engineer**

*March 2013 - January 2015 • Santa Monica*

I planned, designed, and built a new NodeJS web application integrating on-premises render farm management with project management tools for feature film visual effects. Key features included real-time render queue monitoring via WebSockets and dynamic render node shut-down/power-up. I also maintained legacy PHP and Python web tools.

### **U.S. Fulbright Program • English Teaching Assistant**

*September 2011 - July 2012 • Hamburg, Germany*

I won a competitive fully-funded grant to teach English in German high schools.

## Education

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### **Ball State University • BAs in Film Studies and German**

*2007 - 2011 • Muncie, Indiana*

Awarded an academic full-ride scholarship, along with a scholarship to fund study abroad at the Johannes Gutenberg Universität in Mainz, Germany.

## Skills

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I have deep knowledge of Javascript, TypeScript, HTML, CSS, and how to build and operate complex web applications. I have broad knowledge of web technologies, frameworks, and how and when to use them effectively.

I am comfortable leading complex engineering projects, working with software development managers to identify and plan projects, lead technical design, and shepherd implementation, rollout, and operations.