

# Kurt Medley

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📍 Seattle, WA

## Skills

**Languages:** 🐍 Python, 📄 JavaScript, 📄 TypeScript, 📄 HTML / 📄 CSS, ☕ Java, 📄 Haskell

**Tools and Frameworks:** 📄 node, 📄 Git, 📄 Ubuntu, 📄 Docker, 📄 spring, 📄 Vue, 📄 Vite, 📄 React, 📄 astro, L<sup>A</sup>T<sub>E</sub>X

## Industry Achievements

A few things I'm proud of. See more [here](#).

- **Brought Vite, Vitest, and Vue 3 to REI:** When Vue 2 was announced EOL, our development platform was not positioned to upgrade to Vue 3. Initially, we attempted to update the constituent dependencies of our custom tools but encountered many technical impasses. I created a proof of technology that replaced our tools with Vite and Vitest, updated our back-end library to integrate Vite-compiled assets, and rewrote our server-rendering solution for Vue to accommodate Vue 3. This was adopted by all product engineering teams at REI. Read the whole story [here](#).
- **Rewrote REI's Adventures property with Vue:** When I joined REI, my team and I rewrote [REI's Adventures](#) property with Vue. We decommissioned several overlapping frameworks, ported functional requirements from legacy code, and delivered new user journeys.
- **Wrote middleware to server-render Vue applications at REI:** I wrote an Express.js implementation with TypeScript that is responsible for server-rendering Vue applications in REI's stack. This dockerized server runs adjacent to the primary microsite, handling HTTP requests to render server bundles, and finally sending back the resultant HTML to the primary microsite, where it is ultimately injected into our base templates.

## Experience

**Senior Software Engineer | FE Platform** REI | Hybrid April 2020 - Present

As a front-end platform engineer at REI, I develop applications, libraries, and build-tool plugins for all product engineering teams. My team focuses on researching front-end patterns, evaluating technologies, and ensuring their adoption across REI. Additionally:

- Provide support in the form of troubleshooting to teams experiencing runtime or setup issues.
- Mitigate security vulnerabilities in our front-end ecosystem.
- Integrate vendor scripts
- Scrutinize our properties for optimal performance.
- Track emerging technologies and trends in the industry.
- Provide E2E technology direction and guidance.
- Work closely with other enablement teams including Design Systems, Platform Engineering, Web Performance, SEO, and Accessibility.
- Contribute to [Cedar](#), REI's design system.

**Senior Software Engineer | Front-end** REI Adventures | Bellevue, WA July 2019 - April 2020

- Delivered Vue applications and UI components for REI's Adventures property.
- My team and I rewrote the REI Adventures property with Vue
- Decommissioned overlapping frameworks
- Followed a standard SDLC using agile methodologies and ceremonies
- Interfaced with UX designers, product and program managers, business analysts, and business stakeholders
- Rotating on-call responsibilities

<b>Software Engineer III   Full-stack</b>	Costco eCommerce   Issaquah, WA	July 2016 - July 2019
<ul style="list-style-type: none"><li>◦ Implemented SMS notifications for our LTL (less-than-truckload) carriers.</li><li>◦ Spearheading another site redesign, introducing React to Costco's technology stack.</li><li>◦ Integrated gas prices into the Costco warehouse locator.</li><li>◦ Implemented a member validation service for customer profiles.</li><li>◦ Developed timelines to accommodate deadlines.</li><li>◦ Led teams of off-shore contractors.</li></ul>		

<b>Software Engineer II   Full-stack</b>	Costco eCommerce   Issaquah, WA	July 2014 - July 2016
<ul style="list-style-type: none"><li>◦ Assumed leadership role mentoring junior engineers and interns.</li><li>◦ Collaborated with QA, BAs, UX designers, and business stakeholders to deliver a responsive redesign of Costco's entire property, with notable flows like Checkout, Warehouse Locator, Product Page, etc.</li><li>◦ Brought then-modern build tools to Costco's eCommerce development workflow including, but not limited to, webpack, SASS, and Mocha.</li></ul>		

<b>Software Engineer I   Full-stack</b>	Costco eCommerce   Issaquah, WA	July 2013 - July 2014
<ul style="list-style-type: none"><li>◦ Built a manual authentication service that allowed customers to manage their membership details</li><li>◦ Integrated internal and external web services</li><li>◦ Performed general maintenance on applications</li><li>◦ Bi-weekly on-call responsibilities triaging production issues</li><li>◦ Collaborated with Dev Ops, Sterling OMS, and Networking teams</li></ul>		

<b>Software Engineer Intern   Full-stack</b>	Costco eCommerce   Issaquah, WA	April 2013 - July 2013
<p>Started my SW career with a software engineering internship at the Costco HQ in Issaquah, WA. I was embedded within the Costco eCommerce team responsible for delivering costco.com and costco.ca. I was introduced to Costco's large, distributed architecture and a suite of [un]customized IBM products including WebSphere Commerce, DB2, and MQ.</p>		

## Education

<b>The Evergreen State College</b>	Olympia, WA
B.Sc in Computer Science	09/2011 - 06/2013
<b>SPSCC</b>	Olympia, WA
A.A. in Music Theory and Composition	09/2005 - 06/2009