ERIC SHIELDS

SENIOR FRONT END ENGINEER

CONTACT

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- linkedin.com/in/ericrshields/
- Seattle, WA

SKILLS

- JavaScript (ES6)
- React.js
- TypeScript
- Git
- Redux.js
- HTML5 & CSS3
- Jest
- Java
- React Testing Library
- SASS & LESS
- RESTful APIs

SOFTWARE

Linux	Basic graphic design
Google Docs	Intellij
Windows	Slack
MS Office	Project Management

EDUCATION

Rochester Institute of Technology

B.S. in Computer Engineering

2001 - 2007

Community Service Head for the House of General Science

PROFILE

Senior Front End Engineer with **10+ years of Front End Web Development experience**. Dedicated to **Sustainability**, **Waste reduction**, and **Ethics/Equity**.   Perpetual **mentor** and mentee.

Turning designs into **beautiful**, **simple**, **functional**, and **accessible** web interfaces with a mind for **scalability**, **reuse**, **testing**, and **performance**. Prioritizing the highest standards in code, communication, documentation, and **integrity**.

WORK EXPERIENCE

FRONT END ENGINEER II
Amazon Web Services - Service Catalog Console

2019 - 2022

Seattle, WA

- Migrated, along with the full team, the entire SC console from AngularJS 2.x with legacy infrastructure to React, Redux, TypeScript, NPM, ESLint, Webpack, & Babel
  - Complete rewrite of the console from scratch—old console code was able to be 100% deprecated and deleted!
  - Upgraded JS unit test framework to Enzyme, jest, and React Testing Library
  - Managed a complex transition period with both apps active

- Led launch of the console in the 2nd US Government special region
  - Updated the region launch process, reducing the time to launch a new region by over 50%
  - Built the foundation for a future launch in China
  - Created a project template that would automatically create tasks; Recognized by senior leadership as a desirable example for the whole organization to follow

- Led the team's console analytics research and integration. Helped the analytics tracker team solve several core bugs in the process

- Completed the complex migration of the core OS on 150+ web servers, including dev boxes, alpha, beta, and production

- Created extensive documentation of projects and team processes, such as code and CR guidelines, project templates, and guides

- Performed extensive and in-depth code reviews, earning the title of "team code gatekeeper"; especially during the early migration

- Co-founded the team's Cultural Lunch & Learn program, a regular meeting to discuss sensitive issues like equity, sustainability, or politics in a safe and inclusive environment

- Mentored several team members, who became high-impact devs

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ADDITIONAL SKILLS

Agile Methodologies

Kanban

Cross-functional Collaboration

Communication & Teamwork

Problem Solving

Continuous Integration /
Continuous Deployment

Software Documentation

RECOMMENDATIONS

❝Eric gives new meaning to one of Amazon's primary leadership principles: "insist [on] the highest standards".❞

JUSTIN, AWS

❝Eric is one of the best people I've worked with at AWS, he is very diligent and sets a very good example for others to leave the campsite cleaner than before. His code and technical design are very thorough, and he gives great feedback and suggestions.❞

VARUN, AWS

❝Eric's passion for sustainability and equity was clearly inspiring not just for me but also for the team. Any team would be lucky to have Eric, and I couldn't recommend him more for any business looking for new talent.❞

TAUSEEF, AWS

View more recommendations at linkedin.com/in/ericrshields/details/recommendations/

WORK EXPERIENCE (CONT.)

Web Development Engineer II (Design Technologist)
2017 - 2019

Amazon.com - Search Design Technology — Seattle, WA

- Extensively collaborated with designers, engineers, and managers for both the Information architecture and the feature set

- As a solo dev, delivered an entire custom prototype website of 20+ pages of markdown content across several distinct designs within 45 days and it presented to senior org leadership (phase 1)

- For phase 2, built all (internal) customer-facing UI and the macro system for use in the CMS editor

- For phase 3, provided supporting functions similar to PM, engineer, designer, TPM, and content architect. Provided "daytime on-call" support across the entire stack

Web Development Engineer II (SDE)
2015 - 2017

Amazon.com - Retail Search Customer Experience — Seattle, WA

- Altered display of B2B items based on customer's and item's properties
  - Maintained a complex logic tree of display possibilities
  - Improved 100,000+ items to provide contextually relevant information and call-to-action

- Led development for Comparison View, which surfaces the top product specs for items directly in the search results
  - Wrote code encompassing the full stack, including datapath (custom database), Java, JSP, JavaScript, and HTML/CSS
  - Collaborated extensively with the catalog, recommendations, and hardlines teams, along with product and QA
  - Increased OPS by a confidential, statistically significant amount

Front End Developer; Client Engineer; Cut Up Artist
2009 - 2015

Synacor - Various Teams — Buffalo, NY

- Created and maintained complex JavaScript applications
  - Wrote close to 75% of the JS and 95% of the HTML/CSS for Primetime 2.0, a ground-up re-write of the video channel
  - Replaced two 4000-line JS files with a proper framework of small files

- Worked with client managers to handle client requests and product deployments

- Worked on internal projects to improve portal deployment speed and accuracy
  - Reduced the average time-to-launch for small ISPs from 2 weeks to 2 hours

- Converted designs into HTML & CSS, pixel perfect in IE6-9, Safari, FireFox, and Chrome

Application Developer Associate Professional
2006 - 2008

BAE Systems - Information Technology — Binghamton, NY

- Created custom data-driven websites for internal clients using Oracle APEX, JavaScript, SQL, and PL/SQL