

Marie Chatfield Rivas

Staff engineer who ships delightful, complex products while elevating team cohesion and capacity.

they/them/theirs
Seattle, WA

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EXPERIENCE

data.world (acquired by ServiceNow in July 2025)

Staff Software Engineer
Senior Software Engineer

Remote

August 2022 — present
November 2020 — August 2022

I am a fullstack contributor to our knowledge-graph-based data catalog with a special focus on search and discovery. I have:

- **Shipped multiple high-impact, high-risk projects** with an emphasis on minimizing disruption while maximizing adoption. Holistic approach considers technical structure, rollout strategies, metrics, monitoring, and enablement.
 - Navigation/IA overhauls; UX refreshes; foundational changes to ACL models and core graph APIs.
- **Made strategical architectural decisions** across full-stack systems (React, Node.js, Java, Elasticsearch, LLM integrations) by weighing technical tradeoffs against customer needs and business priorities.
- **Cultivated deep cross-functional relationships** with product, design, customer success, and revenue teams by consistently delivering on commitments and making others feel heard and capable.
- **Elevated team capability as a knowledge multiplier:** created learning resources, internal talks, and documentation that accelerate skill development, while partnering with engineers and their managers to create growth opportunities.
- **Improved developer quality of life** by identifying systemic friction points and designing lightweight practices—reducing on-call burden, strengthening documentation standards, and accelerating onboarding.

Pingboard

Senior Software Engineer
Front-End Software Engineer

Austin, TX

January 2020 — November 2020
September 2018 — January 2020

I worked on our graph-backed org chart and employee management product using React and Ruby, where I:

- **Shipped intricate, accessible features** on time by combining rapid prototyping to derisk product decisions with polish and attention to detail.
 - Mobile-ready drag-and-drop editor for the org chart; Slack slash commands with account binding; peer kudos.
- **Collaborated closely with product and design** through discovery, scoping, and shipping—including user research, design iteration, and adoption metrics—earning trust as a partner in defining what to build.
- **Advocated for user privacy** throughout the development process, establishing practices to consider security implications from planning through code review.
- **Designed the technical interview framework** and evaluation system for engineering internship hiring, then managed an intern through structured feedback and development.

Square

Software Engineer

San Francisco, CA

July 2015 — August 2018

As a frontend-focused engineer building employee management features with Ember.js, Ruby, and Java, I:

- **Designed, built, and maintained full-stack features** with complex visual requirements, including coordinating a three-engineer team through a four-month project and leading reprioritization when requirements changed.
 - Feedback survey component used by 15 other teams; timeline view of timecards.

While working on a frontend infrastructure team supporting all back office software products, I:

- **Enhanced frontend tooling and reliability** by optimizing test infrastructure (94% reduction in test resources) and creating systems to track test flakes—improvements which were adopted by four other teams.
- **Influenced team roadmap with user research** by creating quarterly surveys of developer pain points and documenting institutional knowledge and processes.

Beyond core responsibilities, I:

- **Organized and facilitated community-building initiatives**—external technical talks, internal career panels, women-in-engineering roundtables, and accomplishment-tracking workshops.
- **Conducted 100+ technical interviews** and managed an intern through structured feedback and development, investing significantly in hiring and growing the engineering team.

PROJECTS

CallMyCongress.com

- Built and maintained open-source web app (Ember.js and Node/Express, automated Heroku deploy pipeline).
- Served 2,600 monthly active users, with more than 300,000 unique users over lifetime.
- Recommended resource in calls to action by Indivisible Guide, GitHub, Southern Poverty Law Center.

November 2016 — December 2019

Color Vision Deficiency PDF Viewer

March 2018

- Created static website which simulates eight varieties of color vision deficiency for multiple-page PDFs in-browser.
- Recommended resource by several medical, scientific, and academic conferences; cited in several research papers to validate figures for accessibility.

TALKS & BLOGS

- [HTML vs. DOM](#)—Web Development Fundamentals
- [Individual Contributors Managing Interns](#)—Developing Teams by Delegating
- [Don't Just Put a <div> On It](#)—Semantic HTML for Accessibility and SEO
- [Single-Page, Server-Side, Static... say what?](#)—Website Architecture Trade-Offs
- [Deep Dive on Ember Events](#)—JavaScript Event Model & Ember.js Implementation
- [Dear Marie](#)—Advice column on tech industry quandaries and navigating life well

December 2020

Lead Dev Meetup Austin, July 2019

EmberCamp 2019

December 2018

EmberConf 2018, EmberFest 2017

2019-2021

EDUCATION

Rice University

Houston, TX

B.A. with Honors in Computer Science