

# H. Ryan Jones

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## Summary

Focused frontend engineer with experience building fast, user-friendly, data-driven web applications using Typescript, Javascript, React, and CSS. Some backend experience with API servers in Ruby (Rails), Java, and NodeJS as well as CLIs. Passionate about listening to customers to iterate on user experience and flow, as well as learning, visualization, and generally empowering users to get stuff done.

## Top Skills

- **OS & coding:** Typescript, JavaScript, Ruby, git, Linux (esp. Ubuntu), NodeJS, some Python, some Java
- **Web focused:** React, HTML/DOM, CSS/Sass (including flex), Vite, microfrontends, web security, accessibility, Rails, Jest, UX design, some Vue, some webpack
- **Other:** product ownership iteration and support, process improvement, data analysis (Excel, AWS QuickSight), teaching/tutoring

## Experience Summary (2007-2024)

Company	Role	Start	End	Years	
Amazon	Frontend Engineer II	Sep 2014	Jan 2025	10.3	□□□□□□□□□□□□□□□□□□□□
Amazon	Technical Support Engineer	Mar 2011	Sep 2014	3.5	□□□□□□□
(various)	Tutor and office temp	Jan 2010	Mar 2011	1.2	□□
Peace Corps	Education Volunteer, Uganda	May 2007	Aug 2009	2.2	□□□□

## Professional Experience

1. **Frontend Engineer II** — *Amazon Web Services* (3 roles) (Seattle, WA)
  1. *Codex* (internal): 5 years of feature work, maintenance, and oncall/offcall support for Amazon's internal code review and code browsing sites. Added new features including UX design, prototyping, implementation, and iteration based on customer feedback (e.g. new code review dashboard, multi dry run build, artifact browser). Many fixes to customer to experience issues in the existing products, where many of these were self-initiated (e.g. email reduction, a11y colors, filtering comments, code inter-diff correctness). Additionally, helped shutdown a legacy service, but ensuring to preserve legacy web links using careful redirection (Devcentral). Lastly, oversaw much of the team's product backlog and helped steer product direction.
  2. *QuickSight*: ~4 years of design and implementation of features for QuickSight, Amazon's BI analytics product. This included KPI and geospatial charts, and an anomaly exploration page. Additionally lead multi-team effort to upgrade from React 13 to 16 and drove fixing of many customer experience issues.
  3. *Meetings* (internal): ~1.5 years of design, implementation, and customer-centric support of Amazon Meetings, an internal tool built on AngularJS to facilitate easily searching for a meeting time and appropriate conference room for Amazon employees.

2. **Technical Support Engineer** — *Amazon Web Services* (Seattle, WA): ~2 years of providing deep technical support for a wide array of services (compute, storage, DNS, content delivery, load balancing, coding) for a range of customer backgrounds. This transitioned into ~1 year of development on internally used web-based tools, dashboards, and scripts.
3. **Tutor and office temp** — *(various)* (Seattle, WA)
4. **Education Volunteer** — *US Peace Corps* (Uganda, Africa): 1 year of supporting elementary school student teachers with classroom observation and weekend classes. 1.5 years of teaching basic computers skills to teachers and students and helping fund, source, install, and build a curriculum around a school computer lab.

(references available on request)

## Other

- (Significant Side Project) **Guess My Word**: A daily word guessing puzzle with ~1.5K users per day. The main game is frontend-only in Vue.js and a Node server supports the backend for the leader board.
- (Volunteering) **Tutoring**: (2018-2023) One-on-one tutoring of elementary through high school students in Columbia City Neighborhood.
- **Other interests**: Visual Logic Puzzles, Biking, Board games, Mountain biking, Climbing

## Education

- 2002-2006: BS Cum Laude with College Honors in **Physics at University of Washington** GPA: 3.85

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*last updated 6th Dec 2024* | resume versions: [PDF](#), [HTML](#), [plain-text](#)