RACHEL RATNER

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PROFILE

I am a Senior Full Stack Software Engineer with extensive experience in architecting and building intuitive and performant user interfaces for a range of applications, from large enterprises to small non-profits and research-based organizations. I am passionate about nature conservation, love music, and currently live with my husband and daughter (and dog) in Seattle, WA.

EXPERIENCE

Senior Software Engineer, Allen Institute for Artificial Intelligence; Seattle, WA — 2021-Present

Continued to lead the Skylight project following its transition from Vulcan to AI2, focusing on enhancing AI utilization and creating UI tools for quickly annotating and visualizing ML training data.

Senior Software Engineer, Vulcan; Seattle, WA — 2017-2021

Architected and developed end-to-end applications for AI2's Skylight team, including building a REST-based OpenAPI and a GraphQL API from the ground up. Developed a real-time React web app for tracking vessels that are illegally fishing, built a back-end notification service that emails users when an illegal fishing event has happened in their area, and managed metrics via Prometheus and Google Analytics. Note. The Skylight project transitioned from Vulcan to AI2 in 2021.

Software Development Engineer II, Amazon; Seattle, WA — 2013-2017

Developed custom landing pages for Fortune 500 companies, building a reusable "Landing Page Builder" in React that streamlined the creation and scalability of these pages. Collaborated extensively with QA and designers within the Amazon Marketing Group.

Front End Developer, BKWLD (Internship); Seattle, WA — 2012-2013

Worked with UX and design teams to build pixel perfect responsive custom web pages for marketing clients.

Marketing Manager / DJ, KEXP; Seattle, WA — 2012-2013

Managed KEXP's marketing team, overseeing website updates, managing internships, and hosting on-air segments.

EDUCATION

Seattle Central Community College — Web Development, 2011
University of Puget Sound — B.A. Creative Writing, 2001

SKILLS

Python, JavaScript, React, Flask, GraphQL, Github Actions, CSS, SASS, Webpack, Docker, Angular, Kubernetes, ElasticSearch, Mapbox, MongoDB, Prometheus, SQL, Redis, Node.js, Google Cloud Platform, AWS, Wordpress, Photoshop.

EXTRA CURRICULAR

Founded the Seattle Band Map, an online platform illustrating the connections between local bands through shared members. Featured on Wired.com (Note: the site is currently under repair).