

Jocelyn Wensloff | Software Engineer

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Agile software engineer with 5+ years of prior experience in biology where I contributed to vital research surrounding a federally threatened fish species. I bring experience with project management, leadership, and critical thinking.

SKILLS

Technologies: React, JavaScript, TypeScript, React Native, Redux, ContextAPI, Router, SASS/CSS, HTML, Node.js, WAI-ARIA, RESTful APIs, GIS, R

Development Tools: GitHub, GitHub Actions CI/CD, Vercel, GitHub Project Board, VS Code, Figma, Canva, Webflow, Postman

Testing: E2E testing via Cypress, Mocha and Chai, Lighthouse Accessibility Tool, Web Accessibility Evaluation Tool (WAVE)

Currently Learning: Next.js

SOFTWARE PROJECTS

WildScribe, Capstone Project | [GitHub Repository](#) | [Deployed Site](#) ***Won a school competition***

Tech Stack: *TypeScript, Redux, React, Router, SASS, Cypress, REST APIs, DayJS, MUI, ChartJS*

- Led front-end development for a full-stack app allowing users to record outdoor events, via Re. act, Redux, and Typescript.
- Implemented GitHub Actions for continuous integration and Vercel for continuous deployment.
- Efficiently manipulated data and optimized UI performance by leveraging REST APIs in the application.
- Created a comprehensive automated test suite via Cypress.

Brew Buddy, Group project | [GitHub Repository](#) | [Deployed Site](#) ***Nominated for school competition***

Tech Stack: *React, Router, Cypress, PropTypes, REST APIs, SASS, Context API*

- Identified and resolved critical bugs, strategically managing task priorities to ensure timely project completion.
- Collaborated both independently and within a team, emphasizing effective communication and the development of reusable, high-quality code.
- Implemented an agile approach to develop the application with the project team.

RELEVANT EXPERIENCE

Software Engineer (consultant), Charles Stemen Studio

11/2023 - current

- Conducted accessibility audit of client's site, and implemented improvements according to WCAG.
- Implemented Google Analytics to track UI and user traffic with website.

Lead Researcher/Graduate Student, Central Washington University

9/2019 - 6/2021

- Using R, created a statistically sound study design, and leveraged strong analytical skills to process complex data set.
- Delivered a final written report of project findings and gave 3 verbal presentations of findings at fishery conferences.
- Utilized strong QA/QC protocols to ensure data precision and accuracy.

Fisheries Technician, Washington Dept. of Fish and Wildlife

6/2017 - 9/2021

- Led crews of 8 people to collect endangered species data, while communicating with supervisor and stakeholders to ensure project completion in remote backcountry conditions.
- Collected complex ecological data and created maps vis GIS to showcase spacial distribution of survey findings.

EDUCATION

Turing School of Software of Design, Accredited Front End Software Engineering Certificate

2023

Central Washington University, M.S. in Biology

2021

Western Washington University, B.S. in Environmental Science

2017