

Emily Serven

Software Engineer

www.emilyserven.net

+1 (203) 914 - 5629

emily.e.serven@gmail.com

SKILLS

- JavaScript, ReactJS, Dojo Toolkit, D3.js, Jest
- Redux, React Hooks, React Context, Functional Components, Storybook
- HTML, SCSS, CSS
- Git, Jira, Confluence, Agile, Redmine
- WordPress, WP Custom Fields
- Jekyll, Grav
- Adobe Photoshop, Adobe Lightroom, Adobe Experience Design, Sketch
- PyCharm, WebStorm, VS Code
- Web Design, Photography
- Documentation

TESTIMONIALS

"She has strong communication skills, a solid grasp of design, and both empathy towards and understanding of users' needs and frustrations, which makes her very adept at collaborating with different teams and helping build software that actually makes a difference."

- Gus, Sr. Dev, Luminoso

"She's been with us since nearly the beginning - and was a welcome breath of professionalism, creativity and insight after a group that lacked many of those things."

- Paul, Freelance Client

EDUCATION

UNIVERSITY OF CONNECTICUT

May 2018

B.A.: Digital Media & Design

Concentrations: Website Design & Development, Business Strategies

Major GPA: 4.0

Dean's List: Fall 2016, Spring 2017

EXPERIENCE

SCUBA ANALYTICS

3/2023 - 5/2024

Software Engineer

- Developed frontend features using ReactJS, TypeScript, and Redux for V5 of Scuba's flagship web app - a no-code solution for querying, interpreting, and presenting data.
- Enabled customers to smoothly transition between V4 and V5 of the app by writing code that resulted in feature parity by collaborating with internal stakeholders and referencing V4.
- Allowed users to better present insights gleaned from the app within the app itself by contributing to dark mode for the Boards pages (including reskinning charts, allowing for toggling of the mode, and saving relevant data to the store and database).
- Spearheaded adoption of JSDocs as an inline documentation solution, enabling new developers to onboard faster and let existing developers to share knowledge more efficiently.
- Fixed bugs caused by the inherently complex and flexible nature of data that users were able to input, manipulate, and view in the system; wrote unit tests once intended results were achieved to ensure continual data accuracy with Jest.

PANDAWHALE, INC (Contract)

1/2023 - 5/2023

Software Engineer

- Assisted in development of MVP for a social networking web app using Remix, a full-stack React framework, and related technologies in the Blues stack (TailwindCSS, Prisma).
- Designed initial app wireframes based on requirements from co-founder and architected frontend of app, including the data store, reusable UI components, and app routes.
- Ensured the app responded to user authentication, including toggled visibility of components and features based on basic user permissions
- Collaborated with backend developer to write schema and endpoints that queried for and created new records for items like users, posts (inc. a general feed as well as user-specific feeds), comments (inc. one level of nesting), groups (inc. membership of and joining of)
- Allowed users to edit their own profile and view others' profiles, which had basic user information as well as a feed of posts made, list of comments made (with associated posts), and information on how the current and viewed user met (if connected).

LUMINOSO TECHNOLOGIES

10/2021 - 12/2022

Software Engineer

- Developed frontend features using ReactJS for Luminoso's "Daylight" product - a web dashboard designed to display data generated by the company's Natural Language Processing algorithm in a way that does not require data science training to interpret.
- Helped develop design system components and app features using Figma sketches and GUI specifications provided by designers; documented resulting components with Storybook.
- Additional Technologies / Skills: Styled Components (Emotion), Jest, Stylus

AI MEDIA GROUP

Front-End Web Developer

7/2018 - 6/2021

- For a business intelligence reporting web app, used a stack consisting of JavaScript, Dojo Toolkit, D3, Material Design (Lite), C# and AMD to transform large data sets into easily understandable visualizations.
- Ran training sessions and wrote documentation as supplement and general reference

SERVEN UP WEBSITES

12/2011 - Current

Web Development Consultant

- Develop WordPress websites for clients as well as ReactJS apps and occasionally Python CLI tools to aid in repetitive tasks
- Prototype and design websites in Sketch and Adobe XD with an emphasis on UX.
- Manage projects by consulting with clients remotely, create budgets, track time, and invoice clients for tasks done personally and delegated among a specialized team.
- Selected Clients: The Company of Dads, Greenwich Garden Designs