

Nick Hosman

Software Engineer

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TECHNICAL SKILLS

React.js, Redux, JavaScript, Python, Flask, Express, HTML, CSS, Git, AWS S3

PROJECTS

Artvark

[Live](#) | [GitHub Repo](#)

A social art-sharing site with a focus on visuals rather than text using: React, Redux, Python, PostgreSQL, HTML5, CSS3

- Implemented an intuitive inline edit system for user reactions, utilizing React's conditional rendering based on local state, to provide a frictionless editing experience.
- Integrated image hosting infrastructure utilizing AWS S3, resulting in scalable and reliable storage and delivery of website assets. This solution reduced server load, minimized latency, and enhanced overall site performance, enabling seamless user experiences.
- Utilized the built-in Internationalization Segmenter object from JavaScript to enable accurate counting of emoji string length and ensure proper form validation for user reactions.
- Created a custom theme switcher utilizing a combo of local storage and redux state management along with CSS custom properties to ensure seamless color switching across the application.

Petsy

[Live](#) | [GitHub Repo](#)

A pet-focused product browsing site using: React, Redux, Python, PostgreSQL, HTML5, CSS

- Designed and implemented a custom tag system, incorporating a backend join table to seamlessly link site-wide tags with individual products. This enhancement significantly improved user product discovery, enabling more efficient searches and enhancing the overall user experience.
 - Enabled dynamic updating of products and reviews through a combination of Redux State, useEffect, and useDispatch hooks to allow the application to react to user input efficiently.
 - Leveraged a diverse range of debugging tools to proactively identify and resolve issues, significantly expediting the development cycle and ensuring the seamless delivery of a high-quality end product.
 - Collaborated with a team of 4 software engineers using agile methodology to efficiently design and implement a full-stack web app MVP in one week.
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WORK EXPERIENCE

Freelance Finisher

March 2020 – May 2023

Tracy, CA

Worked on location at client properties to revitalize or replace existing wood decor and cabinetry.

- Worked with clients to determine the scope of a project and provide a plan that would meet expectations leading to an average 4.8 out of 5 customer satisfaction rating on internally issued customer surveys.
 - Improved scheduling and planning through the use of synced team calendars which resulted in better communication and an overall smoother work experience.
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EDUCATION

App Academy | Full Stack Web Development Course

May 2023 – October 2023