Shea Wu

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📇 PROFILE

- Highly motivated web development professional with over 5 years of experience in building modern web applications. Skilled in utilizing the latest web technologies, including HTML/HTML5, CSS/CSS3, JavaScript ES6, React, Express, and more
- Proficient in implementing reusability and performance optimization techniques for React, leveraging class/functional components and React Router
- Masterful in global state management with Redux and Redux Toolkit, employing middleware such as Redux-Thunk for asynchronous action creators and API calls
- Demonstrated mastery in CSS, including a deep understanding of selectors, box model, layout techniques, and responsive design. Skilled in crafting visually appealing and pixel-perfect user interfaces while maintaining clean and scalable code
- Extensive experience with backend technologies such as PostgreSQL, SQLAlchemy, and Sequelize, as well as developing RESTful APIs using Node.js, Express.js, and Flask, ensuring efficient communication between the front-end and back-end components
- Well-versed in Node-powered workflows using npm, npx, package.lock.json, package.json, npm scripts, and Create React App
- Familiar with various web security vulnerabilities such as CORS, cross-site scripting (XSS), and cross- site request forgery (XSRF) and have the knowledge to effectively address them
- Demonstrated expertise in efficiently interpreting and comprehending documentation and legacy code, leading to improved code implementation and seamless integration with existing systems
- Adaptable to Agile/Scrum workflows and well-versed in the software development lifecycle
- Excellent communicator with an understanding of team collaboration alongside the importance of independent troubleshooting skills

🧠 SKILLS

Languages
JavaScript/TypeScript, Python

Other Software/Resources
Git, VS Code, Bootstrap, MaterialUI

Web Tech
React, Redux, HTML5, CSS3, Node.js, Express, NextJS, Flask, Axios, Babel, Webpack, MongoDB, PostgreSQL, Sequelize, SQLAlchemy

💼 PROFESSIONAL EXPERIENCE

Medtrak

November 2021 – present

Newtown, PA (Remote)

CareSense is building patient engagement solutions and clinical efficiency tools that will make a measurable impact on health outcomes and patient satisfaction. It provides patients services, like appointment and medication reminders, pre-surgery management, and virtual agent with conversational guidance using a chatbot; it also provides clinician services, like collecting patient-reported outcomes, satisfaction data, and marketing information.

- Refactored class components to functional components, leveraging React hooks and enhancing code readability and performance
- Transformed the non-responsive app by implementing a mobile-first approach, ensuring a seamless user experience on various devices. The redesigned UI dynamically adjusts to different screen sizes, eliminating form cut-offs and enhancing overall usability
- Spearheaded the implementation of crucial frontend features, including dynamic pagination and search functionality, resulting in a more user-friendly and efficient interface
- Collaborated closely with the backend team, gaining a strong understanding of Python code to ensure smooth coordination and seamless communication between the frontend and backend layers
- Utilized RESTful APIs to efficiently retrieve and process data from the backend server, ensuring seamless integration and a dynamic population of essential information
- Demonstrated a commitment to staying updated on current features, ensuring a deep understanding of the platform's functionality and actively collaborating with the client services team to promptly troubleshoot and resolve issues
- Engaged in pair programming sessions to onboard and mentor new junior developers, fostering a collaborative and knowledge-sharing environment that contributed to their successful integration into the team
- Actively participated in sprint planning and standup meetings, effectively communicating project progress, challenges, and proposed solutions with the cross-functional team

BetterHelp

May 2020 – October 2021

Mountain View, CA(Remote)

Optimized the development of an innovative online therapy platform that revolutionized access to mental health care. The platform facilitated virtual therapy sessions, allowing patients to connect with therapists remotely and receive personalized treatment.

- Developed, tested, integrated, and meticulously documented components to align with design specifications while prioritizing accessibility for various devices
- Designed and implemented a robust and user-friendly calendar feature for session scheduling, leveraging React. The feature enabled seamless appointment management, real-time availability updates, and intuitive date/time selection, resulting in improved user experience and efficient therapy session coordination
- Successfully executed asynchronous HTTP requests to the backend API by utilizing Axios and seamlessly communicating with the server
- Utilized WebSockets extensively to implement real-time messaging functionality, ensuring instant and reliable communication between users
- Assumed responsibility for crafting visually appealing web pages by employing SCSS to extend CSS with dynamic behaviors such as variables, mixins, and functions, resulting in scalable and maintainable CSS templates
- Demonstrated proficiency in understanding SQL queries and proficiently designed schemas, enabling efficient data retrieval and manipulation for database operations
- Conducted code reviews and offered constructive feedback to improve code quality, adherence to best practices, and overall skill development

Health-E Commerce

May 2018 – April 2020

New York, NY (Hybrid)

Caring Mill is a well-designed, responsive, and compliant e-commerce platform that provides its customers with a seamless shopping experience, while also simplifying the process of purchasing premium products covered by pre-tax benefits like FSA and HSA.

- Created visually appealing and interactive buttons that ensured a seamless and intuitive shopping experience for website visitors
- Designed and implemented a user-friendly "Contact Us" form, enabling effortless communication between customers and the support team
- Developed a dynamic carousel component that showcased key messages, capturing user attention and driving engagement
- Leveraged React's customized hooks to develop reusable components, optimizing code efficiency and facilitating consistent functionality across the application
- Optimized responsive web performance by implementing Bootstrap and employing CSS techniques, resulting in a smooth and engaging user experience across various devices
- Actively collaborated with team members, providing valuable support in debugging and testing components to enhance overall product quality
- Demonstrated strong teamwork skills, fostering a collaborative environment and contributing to the success of the team's objectives