Peter Chin

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Summary

Software engineer passionate about building user-centric, scalable applications using modern technologies, with a strong focus on creativity, problem-solving, and continuous growth.

Skills

Product Design: Systems thinking, Problem solving, Responsive design, 3D modeling
Languages: GPT prompt engineering, HTML, CSS, JavaScript, Java, SQL
Tools: Bootstrap, SASS, jQuery, React, Redux, Next.Js, Three.Js, EmailJS, MongoDB, Express, Node.Js, Axios, Postman, DaisyUI, Redis, Tailwind CSS, Toast, Vite, Zustand, ChatGPT

Experience

Creating Coding Careers / *Software Engineering Apprenticeship*
June – November '24, Remote

- Mastered advanced JavaScript concepts, including asynchronous programming, closures, higher-order functions, and ES6+ features, enabling me to tackle complex challenges with ease and write more efficient, scalable code.
- Collaborated within a high-performing, diverse team of 8-10 developers, engaging in code reviews, pair programming, and sprint planning. Delivered high-quality solutions under tight deadlines in a fast-paced, professional environment.
- Leveraged advanced JavaScript techniques to not only solve intricate coding problems but also optimize performance and contribute to building scalable, cutting-edge applications that can adapt and grow with evolving user needs.

Projects

Netflix Clone / *Full-Stack clone of Netflix*   Live Site – Github

- Built a scalable, full-stack application handling over 10,000 users, utilizing MongoDB for efficient data storage, Express.js for RESTful API design, and Node.js for backend services.
- Integrated immersive video playback, secure user authentication, and responsive content management. Employed Tailwind CSS and DaisyUI to craft a sleek, mobile-first UI, ensuring a polished and consistent user experience across all devices.
- Spearheaded advanced state management with Redux and Zustand, optimizing complex data flow and improving the overall user interaction. Leveraged Axios for efficient API communication and Postman for rigorous bug testing.

X-Clone / *Full-Stack clone of Twitter*   Live Site | Github

- Developed and deployed a dynamic web application by integrating both frontend and backend technologies. Utilized MongoDB for optimized data storage, while leveraging React for a responsive user interface and Express to build a RESTful API for seamless functionality.
- Incorporated real-time functionality, secure user authentication, and post management, empowering 500+ active users to interact seamlessly with the application. I further enhanced the user experience with DaisyUI and React Hot Toast for smooth notifications and UI responsiveness.
- Utilized Cloudinary for seamless image and video storage, Axios for API requests, and Zustand for global state management. I also used Postman for efficient API testing and debugging, delivering a highly interactive and scalable web application.

freeCodeCamp / *Frontend Projects*   Quote Generator | Markdown | Drum Machine | Calculator | 25 5 Clock

- Built responsive, mobile-first interfaces using modern JavaScript frameworks and tools, ensuring cross-browser compatibility and optimal performance.
- Gained hands-on experience with React, Redux, Bootstrap, jQuery, and other essential libraries to build dynamic, user-friendly web applications.
- Applied advanced state management techniques using Redux and React's context API, enabling efficient data flow and component interactions within complex web applications.

Education

Georgia Institute of Technology, Atlanta / *B.S. Computer Science*
August '11 – May '15