

Peter Chin

Software Engineer

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Skills

Languages: HTML | CSS | JavaScript | Java | SQL

Tech Stack: Bootstrap | SASS | jQuery | React | Redux | Next.js | Three.js | MongoDB | Express | Node.js | Axios
Postman | DaisyUI | Tailwind CSS | Toast | Vite | Zustand

Experience

Creating Coding Careers | *Software Engineering Apprenticeship*

June 2024 - November 2024

JavaScript Advanced | Agile | Unit Testing

- 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. We consistently delivered high-quality solutions under tight deadlines, enhancing both team dynamics and project outcomes 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](#)

JavaScript | React | MongoDB | Express | Node.js | Postman | Axios | DaisyUI | Tailwind CSS | Toast | Vite | Zustand

- 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](#)

JavaScript | React | MongoDB | Express | Node.js | Postman | Axios | DaisyUI | Tailwind CSS | Toast | Vite | Zustand

- 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](#)

HTML | CSS | JavaScript | Bootstrap | SASS | jQuery | React | Redux

- 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, GA USA

Graduated May 2015

Bachelor's of Science | Computer Science | GPA: 3.8

Awards / Extracurricular: Jack Kent Cook Semifinalist | Phi Theta Kappa | STEM - Robotics