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, Web scraping, Automation
Languages: AI prompt engineering, HTML, CSS, JavaScript, TypeScript, Python, Java, SQL
Tools: React, Node.js, Express, MongoDB, Next.js, Redux, jQuery, Tailwind CSS, Bootstrap, SASS, Supabase, Figma

Experience

Freelance / *Full Stack Software Engineer*
December '24 – Present, Remote

- Independently architected and delivered web solutions using the MERN stack and Next.js, depending on client needs.
- Strategically identified and resolved user pain points, driving product strategy through data-driven UX improvements, collaboration, and user research.
- Implemented comprehensive API testing and debugging processes using Postman and Chrome DevTools, ensuring robust error handling that reduced production bugs by 75%.

Creating Coding Careers / *Software Engineering Apprenticeship*
June – December '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 with a 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 techniques to learn and solve intricate coding problems.

Projects

Verify Influencers / *Full-Stack web application of a health claim verification platform*   live Site – github

- Created a robust web application that utilizes advanced algorithms and web scraping to verify the authenticity of health claims by influencers across multiple platforms.
- Designed and integrated an automated system that cross-references influencer claims against credible sources, ensuring reliability of information.
- Developed a secure admin interface, allowing authorized users to directly manage the backend database.

E-Commerce Store / *Full-Stack web application of a store*   live Site | github

- Constructed an e-commerce application enabling dynamic product management, secure user authentication, and seamless payment integration using Redis, Cloudinary, and Stripe.
- Improved application load times through efficient code optimizations, including lazy loading, caching strategies, and reducing bundle sizes.
- Streamlined application deployment using Render's cloud platform, implementing automated CI/CD pipelines that achieved greater uptime and cut deployment time in half.

Netflix Clone / *Full-Stack web application of Netflix*   live Site | github

- Deployed a dynamic web application that fetches movies using an API from The Movie Database, which was stored in MongoDB.
- Incorporated immersive video playback, and secure user authentication, empowering thousands of active users to interact seamlessly.
- Utilized Cloudinary for image and video storage, Axios for API requests, Postman for efficient API testing and debugging, and Zustand for global state management.

Education

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