Peter Chin

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Summary

Results-driven software engineer with expertise in technical problem-solving, bug resolution, and cross-functional collaboration. Proven track record of improving application performance and delivering high-quality solutions.

Skills

Languages: JavaScript (ES6+), TypeScript, Python, Java, SQL, HTML, CSS, Node.js

Frameworks & Tools: React, Express, Next.js, MongoDB, Redux, Postman, Chrome DevTools, Git

Development: Problem solving, Root cause analysis, System evaluation, API testing & debugging, Error handling **Soft Skills:** Cross-functional collaboration, Technical communication, Customer service, Agile methodologies

Experience

Freelance | Full Stack Software Engineer

December '24 - Present, Remote

- Reduced production bugs by 75% through implementing comprehensive API testing and debugging processes using Postman and Chrome DevTools.
- Identified and resolved user pain points through systematic problem analysis and data-driven improvements.
- Provided ongoing technical support and maintenance for client applications, ensuring optimal performance.
- · Partnered with stakeholders to troubleshoot issues and implement effective solutions.

Creating Coding Careers / Software Engineering Apprenticeship

June - December '24, Remote

- Collaborated with a diverse team of 8–10 developers in an agile environment, participating in code reviews and sprint planning.
- Mastered advanced JavaScript concepts including closures, async programming, and ES6+ features
- · Implemented responsive designs and complex UI components using modern CSS frameworks.
- · Contributed to code reviews and pair programming sessions to maintain high code quality.

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

l<u>ive Site</u> | github

- Constructed an e-commerce application enabling dynamic product management, secure user authentication, and seamless payment integration using Redis, Cloudinary, and Stripe.
- Enhanced 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 seemlessly.
- 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

