Peter Chin

Full Stack Software Engineer

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Summary

Software Engineer specializing in JavaScript and TypeScript, with expertise in building scalable and user-friendly web applications.

Skills

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

Tools: Angular, React, Vue, MongoDB, Firebase, Express, 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

- Developed and maintained responsive web applications using Angular, React, and Vue, enhancing UX for 10,000+ users and boosting page performance.
- Improved client conversion rates by 30% by identifying and resolving user pain points through data-driven optimizations.
- Ensured high-quality deliverables by implementing unit and integration tests with Jest and Cypress, significantly reducing production bugs and minimizing wasted costs.

Creating Coding Careers / *Software Engineering Apprenticeship*

June – December '24, Remote

- Worked in a team of 8-10 developers in an agile environment, contributing to sprint planning and conducting 20+ code reviews daily.
- Resolved 90% of reported bugs using advanced JavaScript debugging tools, improving application stability.
- Collaborated with team communication and efficiently implemented structured issue-tracking workflows, reducing unresolved tickets by 35%.

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 across 1,000+ influencers.
- Designed and integrated an automated system that cross-references influencer claims against credible sources, managing 10,000+ data entries and ensuring reliability of information.
- Improved platform response speed by 60% by optimizing database queries and implementing server-side caching.

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.
- Enhanced application load times by 50% through efficient code optimizations, including lazy loading, caching strategies, and reducing bundle sizes.
- Increased checkout conversion rates by 30% through an optimized UI/UX and streamlined payment integration.

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

- Built a feature-rich streaming platform using MongoDB, React, and Firebase, serving thousands of active users.
- Cut video buffering times by 50% by optimizing API calls and integrating Cloudinary for efficient media storage.
- Incorporated authentication security, preventing 99% of unauthorized access attempts through JWT authentication and OAuth integration.

Education

Georgia Institute of Technology, Atlanta / *B.S. Computer Science*

August '11 – May '15