# **Peter Chin**

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### **Summary**

Results-driven Software Developer specializing in Angular, TypeScript, JavaScript, HTML, and CSS, with expertise in building scalable and user-friendly web applications.

#### **Skills**

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

Tools: Angular, React, Vue, Next.js, MongoDB, Firebase, Express, Redux, Postman, Chrome DevTools, Git, Cypress, Jest 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 frontend frameworks including Angular, React, and Vue, improving user experience and page performance.
- Identified and resolved user pain points through systematic problem analysis and data-driven improvements.
- Integrated cloud services such as AWS (S3, Lambda) and Firebase, optimizing real-time data interactions.
- Developed unit and integration tests with Jest and Cypress, ensuring high-quality deliverables.

#### 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.
- Debugged and resolved complex technical issues using advanced JavaScript concepts and diagnostic tools.
- Improved application performance through systematic analysis and optimization of code.
- · Maintained clear communication channels with team members regarding issue resolution and project updates.

#### **Projects**

## Verify Influencers / Full-Stack web application of a health claim verification platform

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

- 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.
- 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

l<u>ive Site</u> | 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