# **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**: Al prompt engineering, HTML, CSS, JavaScript, Python, Java, SQL

**Tools**: React.js, Next.js, Redux, jQuery, Tailwind CSS, Bootstrap, SASS, DaisyUI, Three.js, Vite, Zustand, Toast - Node.js, Express.js, MongoDB, Redis - Axios, Postman, EmailJS

# **Experience**

Creating Coding Careers / Software Engineering Apprenticeship

June '24 - January '25, 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 within a high-performing, 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 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**

Verify Influencers / Full-Stack fact checker and claim generator by influencer

Live Site

- Created a robust web application that utilizes advanced algorithms and data scraping techniques to verify the authenticity of influencers across multiple platforms, ensuring reliable and accurate profiles for brand partnerships.
- Designed and integrated an automated system that cross-references influencer claims (e.g., audience demographics, engagement rates) against credible sources.
- Developed a secure admin interface allowing authorized users to directly upload and manage influencer data, claims, and verification results.

E-Commerce Store / Full-Stack web application of a store

<u>Live Site</u> - <u>Github</u>

- Developed an e-commerce application enabling dynamic product management, secure user authentication, and seamless payment integration using modern technologies including React, Node.js, Express, and MongoDB.
- Improved application load times by 60% through advanced performance optimizations, including lazy loading, efficient caching strategies, and reducing bundle sizes by 30%.
- Automated deployment pipelines on cloud platforms (Render, AWS) for zero-downtime deployments, achieving a 99.9% uptime SLA and improving deployment efficiency by 50%.

# Netflix Clone | Full-Stack clone of Netflix

Live Site | Github

- 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 immersive video playback, secure user authentication, and post management, empowering 5000+
  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.

## **Education**

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

August '11 - May '15

