

Vincent Lee

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Self-motivated and driven software engineer offering experience in developing scalable and responsive web applications. Experienced in JavaScript, Node.js, React, and MongoDB.

Experience

Software Engineer, **Fanfare**

May 2021- Nov 2022

Fanfare, *Platform to discover and collect music NFTs (project previously under Simple Breakthrough)*

- Developed an end-to-end user interface to allow creation of new NFTs and image uploads to AWS S3 and MongoDB, using React, Node.js, MetaMask
- Designed and implemented a weighted voting system where users' weights were determined by token ownership using Node.js
- Reduced site load times by scaling file sizes and imposing upload limits

Software Engineer, **Simple Breakthrough**

April 2021- Feb 2022

Stockswap, *Comprehensive stock news platform*

- Developed a dark mode toggle using StyledComponents and MaterialUI, which involved redesign of the entire CSS to unify different color modes
- Implemented an infinite scroll for the main newsfeed allowing stock news to load continuously
- Generated personalized Twitter and Reddit feeds based on user's stock preferences
- Utilized Alpaca API to poll stock portfolios and real time stock data

Block Duelers, *Decentralized finance project creating true utility for NFTs utilizing a dueling platform*

- Reduced API response time from several minutes to less than 15 seconds by implementation of asynchronous smart contract reads, utilizing JavaScript promises
- Streamlined NFT creation and management by developing a proprietary CMS using React.js
- Mentored new hires, providing comprehensive 1-1 overviews and code reviews
- Configured subdomain to host an administrative dashboard using Heroku
- Collaborated with UX designer and developers to implement complete website redesign through Zeplin

Projects

ChatGPT Clone, *Utilizing GPT-3, adding additional features and minimizing wait times*

Nov 2022 - Present

- Utilized JEST to conduct thorough unit testing of user login functionality on the frontend, ensuring a seamless and secure user experience
- Implemented ability to add, store, and search previous messages using MongoDB

Chat Messenger, *Platform for users to chat and call on*

April 2022 - May 2022

- Designed and implemented a responsive chat app, allowing authenticated users to send direct and group messages in real-time over WebSocket utilizing MUI, Socket.IO, React, Node.js, and WebRTC

Education

42 Silicon Valley, *Software engineering school with a peer-based learning model*

July 2019- March 2020

Skills

Languages/Frameworks: JavaScript, Node.js, React, Next.js, MUI, Styled-Components, CSS, HTML

Databases: MongoDB, AWS S3, PostgreSQL, Firebase

Libraries/Tools: Passport.js, MetaMask, Socket.IO, Heroku, Redux, Git, Jest, Postman, NPM, Yarn, JWT