

Peter Yoo - Full Stack Developer

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Technical & Interpersonal Skills

Languages: TypeScript, JavaScript, Python, HTML5, CSS3

Libraries and Frameworks: NextJS, Tailwind CSS, TanStack Query, ReactJS, NodeJS, ExpressJS, Django, jQuery, Jest, React Testing Library, Zustand, Redux, React Hook Form, Formik, Yup, NextAuth, Monaco Editor, MD Editor, Immer, Lerna, localForage

Databases and other: PostgreSQL, MongoDB, Mongoose, RESTful Routing, JSON, Figma, Postman, Docker, Cloudinary

Interpersonal skills: Friendly, Empathetic, Collaborative, Proactive, Curious

Technical Projects

Nudoodle - [GitHub](#) | [App](#) | [Demo](#) - TypeScript, NextJS, NextAuth, Tailwind CSS, TanStack Query, React Hook Form, Yup, MongoDB, Mongoose, Cloudinary, Canvas API, Figma, Postman

A social media platform for creating and sharing drawings, as well as liking and commenting on other user's drawings.

- Designed and implemented RESTful APIs utilizing **NextJS's** serverless functions for CRUD operations on drawings, user interactions (likes and comments), and profile management. Utilized advanced techniques such as pagination for improved performance.
- Created a responsive, mobile- and desktop-friendly frontend from the ground up using **Figma** for design and **Tailwind CSS** for implementation, resulting in a highly interactive and user-friendly experience.
- Implemented forms using **React Hook Form** and **Yup** for robust form validation and error handling.
- Developed custom hooks for data management utilizing **TanStack Query**, including fetching, caching, updating, loading state management, and error handling.

Tickersaver - [GitHub](#) | [App](#) | [Demo](#) - TypeScript, NextJS, NextAuth, Tailwind CSS, TanStack Query, Formik, Yup, MongoDB, Mongoose, Finnhub Stock API, Cloudinary, Figma, Postman

A stock tracking app that allows users to search for stocks, add them to their dashboard, and track them in real-time with updates on daily winners and losers.

- Developed a feature that allows users to search and track specific stocks, utilizing a form with a search field, requests to the **Finnhub Stock API**, and displaying the retrieved information. Implemented the ability to save ticker symbols to **MongoDB**, and retrieve company information by using the saved ticker symbol in **MongoDB** as a parameter when making requests to **Finnhub's Stock API**. Displayed the information as cards on the dashboard.
- Designed and implemented RESTful APIs utilizing **NextJS's** serverless functions for CRUD operations on ticker symbols.
- Implemented a feature that displays the top stock winner and loser of the day in real time by using the stocks saved on the user's dashboard, calculating their daily percentage change, and comparing the values to determine the highest and lowest. The top winner and loser are then prominently displayed on the dashboard.
- Implemented forms using **Formik** and **Yup** for robust form validation and error handling.

Code Journal - [GitHub](#) | [Demo](#) - TypeScript, React, Redux, ESBuild, localForage, Monaco Editor, React MD Editor, Immer, Lerna, Figma

An app that enables users to keep a journal of their code snippets and text by adding or deleting cells with markdown or code editors.

- Applied advanced techniques to enhance the app's state management and code organization, including using **Redux** and **Immer** for state management, **ESBuild** for efficient bundling, **localForage** for offline storage, and **Lerna** for managing multi-package repositories.
- Developed a feature that allows users to add and delete cells with code and markdown editors in order to keep a journal of code snippets and text. Utilized the **Monaco Editor** and **React MD Editor** for editing capabilities.

Experience

Hack for LA, Software Engineer

Remote, 10/2022 - 12/2022

- Contributed to the Hack for LA website by identifying and working on issues, and submitting and reviewing pull requests.

Octopus Japanese Restaurant, Server

Encino, CA, 01/2019 - 03/2020

Marvel Animation, [Storyboard Artist](#)

Burbank, CA, 02/2017 - 12/2018

- Created rough and final storyboards for the Spider-Man cartoon show based on given scripts.
- Resolved issues related to camera positioning, character acting, timing, and storytelling. When necessary, improvised by designing quick background sets and assets in the absence of existing art assets.

CHY Painting, Estimator & Software Engineer

North Hills, CA, 03/2014 - 12/2016, 09/2021 - Present

- Managed client communication and handled estimates/invoices for a painting company.
- Created the company website using Wordpress.

Education

General Assembly

Remote, 04/2022 - 07/2022