Zifan Pan

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LinkedIn | GitHub | Portfolio Website

PROJECTS

Dish Guru - MERN Stack App   View Live | GitHub

React | Redux | Express | NodeJS | MongoDB | SCSS

- A full-stack MERN application that allows users to add, customize, update and delete their dishes while authenticated, explore various dishes shared by others and leave reviews.
- Uses Redux and Redux toolkit for state management, and bridges back-end and database using Express and Mongoose to enable data transfer including user info, recipe details, and associated reviews.
- Features advanced techniques such as error handling middleware, user authentication, password encryption, and routing.

Trip Planner - React App   View Live | GitHub

React | TypeScript | SCSS

- A front-end app using React, TypeScript, and SCSS to help users better plan their trips by listing all stops and calculating estimated time.
- Implements TypeScript for faster debugging, more robust refactoring, and easier codebase management.
- Allows users to add, edit, delete, and toggle optional and favorite stops using a simplistic layout for an intuitive experience.

Room Page - PSD conversion   View Live | GitHub

HTML | JavaScript | CSS

- A static website with a responsive layout on phone and desktop using HTML, JavaScript, and CSS.
- Features a JavaScript carousel built from scratch that enhances user experience.

EDUCATION

University of Toronto, St. George   Toronto, ON

Bachelor of Science in Statistical Science   Sept 2017 - June 2021

Relevant courses: Computer Programming; Computational Thinking; Data Structure And Algorithm; Data Science

SKILLS

React, Redux, Express, NodeJS, MongoDB, JavaScript, ES6, TypeScript, HTML, CSS/SCSS, Python, SQL/MySQL, Command-Line, Git/Version Control, Responsive Design, Web Accessibility, Pair Programming