

# Zifan Pan

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[LinkedIn](#) | [GitHub](#) | [Portfolio Website](#)

## 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, Agile/Scrum.

## 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** which *integrates* with the back-end.
- The NodeJS backend uses Express and Mongoose to connect to the database which enables data transfer and persistence including user info, recipe details, and associated reviews.
- The backend features **advanced techniques** such as error handling middleware, user authentication, password encryption, and routing.

### Trip Planner - React App

[View Live](#) | [GitHub](#)

React | TypeScript | SCSS

- Help users to better plan their trips by creating a front-end app using React, TypeScript, and SCSS.
- Used TypeScript in the project to have robust refactoring, faster debugging, 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

- Built A static website with a **responsive** layout on both mobile 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