

NICHOLAS TSE

nicholashtse@gmail.com | 609.462.2772 | linkedin.com/in/nicholashtse/ | https://github.com/n-tse

Full-Stack Software Developer with 1.5 years of experience building dynamic SPA web applications using **React, JavaScript, HTML**, and **CSS**. My most recent projects also include work with **TypeScript, React Redux, MongoDB, Express.js, Node.js**, and **RESTful APIs**, and I am currently seeking a full-time role to further hone my skills while also helping companies/organizations to meet their business goals

SKILLS

- ReactJS
- Express.js/Node.js
- MongoDB/Mongoose
- Redux/Context API
- JavaScript/TypeScript
- Bootstrap/MUI/Tailwind
- C#/.NET/MySQL
- REST APIs
- HTML/CSS
- Flutter/Dart
- Agile development methodology
- Git Version Control

EXPERIENCE

Full-Stack Software Developer

BeaconFire | Dec 2022 - Present

- Developed multiple MERN stack applications, demonstrating proficiency in frontend development with **React**, state management with **Redux** and **Context API**, backend development with **Node.js** and **Express.js**, and **NoSQL** database and schema management using **MongoDB** and **Mongoose**
- Implemented **RESTful APIs**, enabling seamless communication between frontend and backend, and incorporated features such as **authentication, routing, password encryption**, and **data validation**
- Utilized **Git** and **GitHub** for version control and collaborative development. Reviewed and maintained a clear history of code changes and pull requests, and ensured effective team collaboration

PROJECTS

- Chatterbox - a single page, **full-stack** web application built using **React, Redux, React Router DOM, Socket.io, Express, Mongoose, Bcrypt, Bootstrap**, and **Cloudinary**. Users can sign up, log in, add their own profile picture, and chat with other users in real time via the chat rooms or direct messages
- GreatJob - a **full-stack** Job Application Tracking app built using **React, Node.js, Express, MongoDB, React-icons**, and **JavaScript**. Features include adding or updating details about a job application, sorting entries by clicking on the column header, a search bar, pagination, and expandable rows
- Pawsitive Pet Care - a fully-responsive **frontend** commercial website for a pet care service built using **React, JavaScript, HTML**, and **CSS**. Dependencies include npm packages such as aos and swiper
- Chihiro's Sushi & Bar - a **full-stack** restaurant webpage team capstone project built using **C#, .Net, ASP.NET, MySQL, JavaScript, HTML**, and **CSS**. Users can view the full menu, place an order, log in to view order history, and interact with the Google Maps API to view the restaurant's location

EDUCATION

Epicodus - Full-Stack (JavaScript, React, C#/.NET) | March 2022 - Dec 2022

- Employed pair programming to learn and develop intuitive solutions to lesson prompts using languages and methodologies such as TDD, Agile development, React, JavaScript, HTML, CSS, and C#

University of Washington (B.A. Communications; Sociology) | Sept 2013 - March 2018