

NICHOLAS TSE

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Full-Stack Software Developer with 1.5 years of experience in building dynamic SPA web applications using **React**, **JavaScript**, **HTML**, and **CSS**. My most recent projects also include work with **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

- Team-work and project collaboration
- Agile development methodology
- Creative thinking & problem-solving
- Git Version Control
- React
- Redux/Context API
- MongoDB/Mongoose
- Express.js/Node.js
- JavaScript/HTML/CSS
- Bootstrap/MUI
- C#/.NET/MySQL
- AWS S3/Cloudinary

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 database and schema management using **MongoDB** and **Mongoose**
- Implemented **RESTful APIs**, enabling seamless communication between frontend and backend, and incorporating 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
- Chihiro's Sushi & Bar - a **full-stack** restaurant webpage team capstone project built using **C#**, **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 and team collaboration to practice concepts, solve complex problems, and develop adaptable, intuitive solutions to lesson prompts
- Completed independent, biweekly major projects to demonstrate understanding of the course material such as TDD and Agile development, API calls, React, JavaScript, HTML, CSS, and C#/.NET

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