

NICHOLAS TSE

Full Stack Software Developer

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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**, 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

Education

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

- Applied pair programming to learn and develop intuitive solutions to lesson prompts using languages and methodologies such as **TDD**, **Agile development**, **React**, **JavaScript**, **HTML**, **CSS**, **C#**, **.NET**, and **MySQL**
- Completed over **800 hours** of learning in the comprehensive **40-week** bootcamp, dedicating a minimum of 20 hours per week to class attendance, building projects, and reviewing lesson material

University of Washington | Sept 2013 - March 2018

- Bachelor of Arts: Communications; Sociology (Double Major)

Projects

GreatJob - React, JavaScript, Node.js, Express, MongoDB

- A full-stack job application tracking app I built to help me keep track of my job search journey
- Features include: add/update/delete a job app, column sort, search, form validation, and pagination

Pawsitive Pet Care - React, JavaScript, HTML, CSS

- A fully responsive frontend commercial website for a pet care service
- The site provides a range of engaging elements such as page navigation, photo carousels, interactive components, and animations, allowing visitors to explore and discover more about the business

Chatterbox - React, Redux, Socket.io, Express, Node.js, MongoDB, Bcrypt, Bootstrap

- A full-stack chat application that allows users to engage in real-time conversations with other users
- Users can sign up, log in, add a profile picture, and chat via the chat rooms or direct message channels

Chihiro's Sushi & Bar - C#, .NET, ASP.NET, MySQL

- A full-stack team capstone project built for a make-believe sushi restaurant
- Users can log in, view menu, place an order, view order history, and interact with the Google Maps API

Skills

Frontend: React, JavaScript, TypeScript, React Redux, HTML, CSS, Bootstrap, Tailwind CSS

Backend: Node.js, Express, MongoDB, RESTful APIs, C#, .NET, MySQL

Tools/Other: Mongoose, Webpack, Babel, npm, Flutter, Dart, TDD, Stripe, Render.com, Netlify, Cyclic