

JOHNNY NGUYEN

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WORK EXPERIENCE

TeeTurtle **Saint Louis, MO (Remote)**

Frontend Development Lead *April 2023 - June 2024*

- Oversaw small and large-scale web development projects, directly improving the TeeTurtle e-commerce platform's user experience and system architecture using HTML, CSS, JavaScript, and Liquid.
- Led the technical aspects of migrating and redesigning TeeTurtle's e-commerce store from a PHP-based platform to Shopify, resulting in a 15% increase in page load speed, a 15% boost in conversion rates, and a 20% improvement in overall user engagement, while ensuring a seamless user transition and optimizing the online shopping experience.
- Implemented the SCRUM framework within the engineering team, increasing workflow efficiency by 30% and reducing project delivery times by 20% through the adoption of sprint-based tracking and management using Jira.
- Spearheaded the integration of modern web development practices, contributing directly to coding, troubleshooting, and refining the platform for better performance, scalability, and accessibility.

Frontend Developer *March 2021 - April 2023*

- Enhanced TeeTurtle's e-commerce platform by designing UX wireframes in Adobe XD and developing responsive and dynamic frontend interfaces with HTML, CSS, and JavaScript, resulting in a 15% increase in conversion rates.
- Improved customer experience by building an edit order portal, reducing customer service tickets related to order changes by 70%, and integrating a post-checkout donation feature, averaging \$20,000 per month in charitable donations.
- Spearheaded the development of a company intranet application using Wagtail CMS with Python and Django, improving resource accessibility for 100+ employees and increasing operational efficiency by 20%.
- Implemented and managed Firebase hosting with a push-to-deploy GitHub pipeline and Google authentication, streamlining secure and efficient collaboration on HTML prototypes across multiple teams.

SH1FT Digital **Montreal, QC (Remote)**

Frontend Engineer Intern *November 2020 - March 2021*

- Contributed to the development of a React application to connect therapists with clients by translating UX wireframes into reusable components, ensuring the creation of dynamic, user-friendly, and responsive web pages.
- Integrated Firebase Authentication with Axios for sign-in functionalities and utilized Redux alongside Firebase Realtime for managing state and displaying personalized, dynamic client and therapist data.
- Developed and implemented advanced search algorithms with Google Maps API, improving the efficiency of matching therapists and clients based on preferences and geographical distance.

PROJECTS

FridgeRaider AI **San Jose, CA**

React, OpenAI 3.5 Turbo API, Material UI, Firebase *January 2025 - February 2025*

- Developed an innovative React application that empowers users to generate unique recipes from leftover ingredients, helping to reduce food waste and promote sustainable cooking habits through AI recommendations.
- Integrated OpenAI 3.5 Turbo API for advanced AI-powered recipe suggestions, while leveraging Material UI to develop a modern, polished, and highly intuitive interface for seamless user interaction.
- Utilized Firebase for hosting, Authentication for secure sign-ins, and the Firestore NoSQL database to store user-generated recipes, allowing for efficient data retrieval and personalized recipe management.

SKILLS

Languages: HTML, CSS, JavaScript, Typescript, Shopify Liquid, Python, SQL
Frameworks & Libraries: React, Redux, Jest, React Testing Library, Next.js, jQuery, Material UI, Chakra UI, Bootstrap
Platforms: Git, GitHub, BitBucket, Jira, Firebase, Adobe XD, Shopify Plus

CERTIFICATIONS

React & Typescript - The Practical Guide Udemy	2024
Javascript Algorithms and Data Structures Masterclass Udemy	2024
React (Including Hooks, React Router, Redux) Bootcamp Udemy	2020
Full Stack Web Developer Bootcamp Udemy	2020

EDUCATION

University of California, Santa Cruz - Baskin School of Engineering	Santa Cruz, CA
Bachelor of Science: Technology and Information Management	2020