

# 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	Santa Cruz, CA
Bachelor of Science: Technology and Information Management	2020