

Fredrick Rana

Software Developer

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[📍](#) Irvine, CA / Los Angeles, CA / Remote [🌐](#) fredrickrana.com

Technical Skills

Frontend: React.js, Next.js, JavaScript (ES5/ES6), Typescript, HTML5, CSS3, Bootstrap, Tailwind

Backend: PostgreSQL, Node.js, Express.js

Tools and Technologies: NPM, Webpack, Git, Github, Figma, Slack, dbDesigner, HTTPie, Babel, VS Code

Experience: Web Development, UI Design, Agile Methodology, Object Oriented Programming, Restful APIs

Applications Developed

CodingFuze, Github [🔗](#) | Live [🔗](#)

Full Stack application for front-end developers to showcase HTML, CSS, and JavaScript code snippets.

- Developed a user interface using **React.js**, **HTML5**, **CSS3**, **JavaScript (ES6)**, and hash routing
- Implemented a database using **PostgreSQL** to store user info and a **JSON** data model of code snippets
- Utilized **Node.js** and **Express.js** to communicate and fetch data from server database
- Integrated user registration, authentication, and authorization using **Argon2** and **JSON Web Tokens**

MicMac, Github [🔗](#) | Live [🔗](#)

Web application that supplies nutritional data on searched foods (stands for Micro/Macronutrients)

- Executed responsive and intuitive front-end component design using **HTML5**, **CSS3**, and **JavaScript(ES5)**
- Engineered a dynamic search feature by requesting data from public **REST API** using **XMLHttpRequests**
- Implemented **AJAX** to display query results and **JSON** to store/retrieve data from previous sessions
- Manipulated **DOM** elements to allow for an interactive user interface

Personal Portfolio Website, Github [🔗](#) | Live [🔗](#)

Website showcasing my skills and expertise as a software developer

- Developed interface using **React.js**, **Typescript**, **Next.js**, and **Tailwind CSS**.
 - Created a responsive and visually appealing user interface with clean and concise code, optimized for fast loading times.
 - Created a modern and minimalist design with an emphasis on usability and accessibility, utilizing **Tailwind CSS**.
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Work Experience

Din Tai Fung | Front of the House Support, Server, Food Runner, Busser 4/2021 - 6/2022

- Averaged about 20+ tables per shift with consistently achieving above 18% charge tip percentage
- Maintained high quality formal table service to over 100+ guests daily
- Utilized interpersonal and communication skills to achieve optimal experience for each guest

Aliso Viejo Physical Therapy | Physical Therapist Aide 3/2020 – 5/2022

- Interacted with 40+ patients a day in education of rehabilitation exercises and modality treatment
- Assessed patient condition using knowledge of anatomy, biological, and medical science
- Assisted in documenting patient progress and condition toward identified objectives

Center for Autism and Other Related Disorders | Behavior Therapist 1/2020 – 2/2021

- Collaborated with 3+ families daily to document feedback on treatment plans and patients' progress
- Received positive feedback from 100% of families regarding ABA treatment plan and implementation
- Analyzed and documented patients' behavioral patterns and adjust activities/exercises accordingly

Karate For All Pediatric Therapy | Physical/Occupational Therapy Assistant Instructor 2/2019 – 3/2020

- Assisted in the instruction of class-based occupational therapy through exercise and martial arts
 - Guided a group of 15+ adolescents on exercises to improve in social skills and sensory processing
 - Created an engaging environment for adolescents with variety of disabilities related to autism
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Education

Full Stack Web Development Program, LearningFuze [🔗](#) Irvine, CA

- 900+ hours of programming (70+ hours/week) in a simulated agile work environment

Bachelor of Arts - Public Health Policy | Minor - Management, University of California, Irvine [🔗](#) Graduation: 6/2020