

# Andrew Tran

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## TECHNICAL SKILLS

- **Languages:** Python, JavaScript (ES7, Node.js), TypeScript, HTML5, CSS, SQL, Java.
- **Frameworks/Libraries:** Flask, Django, ReactJS, Vite, React Native, Bootstrap, Material-UI, Next.js, Tailwind-UI
- **Databases:** MySQL, MongoDB, Mongoose, PostgreSQL, Prisma
- **Tools:** Spring Tool Suite, Docker, Kubernetes, Express, REST API, GraphQL, Prisma, JSON, Postman, AWS, GitHub, Redis, SupaBase

## TECHNICAL PROJECTS

### CanIEatThis? | [GitHub](#) | [Live Demo](#)

- Developed "CanIEatThis?", a web application tailored for diabetic nutrition, focusing on accessibility for elderly users and multilingual support. The application enhances user interaction through intuitive design and technical improvements.
- Utilized ReactJS to create a responsive, single-page application, ensuring a swift and smooth user experience.
- Integrated Edamam's Nutritional Databases seamlessly using AXIOS, showcasing sophisticated API usage and innovative enhancements to enrich the user experience.

### DezignLab

- Built a tailored online storefront using NextJS and Etsy's API, which displays products and customer feedback directly from the client's Etsy shop, thus boosting product visibility and engagement.
- Improved SEO and user interaction by incorporating Yelp's API to feature real-time customer reviews, enhancing the credibility and local presence of the business.
- Created a custom CMS to streamline product management and promotions, empowering the owner with direct control over content and marketing initiatives.

### TruongDental | [Live Demo](#)

- Spearheaded the development of a NextJS-based dental office website, prioritizing responsiveness and accessibility to set a new standard in online dental services and improve user experience.
- Utilized Tailwind CSS and DaisyUI to craft a visually appealing and user-friendly interface, significantly increasing user engagement.
- Enhanced website performance by optimizing images for screen responsiveness and contributed to SEO through strategic content creation

## CERTIFICATIONS

### [AWS Certified Cloud Practitioner](#)

Validity: December 2023 - December 2026

Demonstrated expertise in AWS Cloud fundamentals, including architecture, security, and services.

## WORK EXPERIENCE

### Patient Treatment Coordinator

Union Square Dental Group | San Francisco

October 2018 - May 2023

- Led the development of a React-based web application that enhanced patient engagement by incorporating advanced messaging and calling functionalities, resulting in a 70% increase in appointment confirmations.
- Designed an automated patient information system with dynamic forms, reducing the administrative burden by 70% and ensuring compliance with HIPAA standards for data security.
- Acted as the primary on-site IT support, overseeing the setup and maintenance of software systems and resolving hardware and software issues.

## EDUCATION

### Coding Dojo | [Full-Stack Developer Certificate](#)

August 2023

- Achieved a Full-Stack Developer Certificate following a rigorous 4-month boot camp, focusing on Python, Java, and the MERN stack (MongoDB, Express.js, React, Node.js).
- Committed over 1000 hours to extensive full-stack development training, excelling in application development, testing, debugging, and deployment.
- Developed essential coding skills and flexibility across diverse development methodologies, driving innovative solutions in complex technological environments.

### University of California - Davis, Bachelor of Science in Psychology | Davis, CA

September 2016

- Completed cognitive and developmental psychology coursework, providing a solid foundation in problem-solving and understanding user learning behaviors.