

# FRANCIS YANG

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Highly skilled Software Engineer with a proven track record of delivering innovative solutions and driving projects to successful completion. Proficient in a wide range of technologies with a keen focus on creating robust, scalable platforms that prioritize user experience. Experienced in Agile methodologies and collaborative development environments, adept at leading teams and driving iterative feature implementation. Strong expertise in integrated cutting-edge tools and technologies to optimize performance and enhance functionality. Demonstrated ability to manage projects from concept to deployment, ensuring seamless operation and facilitating continuous improvement.

**Technical Skills:** HTML | React | node.js | CSS | Next.js | JavaScript |  
TypeScript | NoSQL | SQL | Vite | Clerk

## EDUCATION

**University of California, San Diego (September 2019 - June 2023)**

- B.S Cognitive Science, Neuroscience Emphasis
- B.S. Music Composition
  - GPA: 3.74

**University of California, Berkeley Extension (June 2023 - November 2023)**

- Full-Stack Web Development Bootcamp

## PROJECTS

**Threads** - Next.js, TypeScript, Clerk, uploadthing, MongoDB, shadcn

- Built out comprehensive redevelopment of Threads using a Next.js framework and TypeScript
- Integrated Clerk to create a seamless user creation and authentication experience process while also enhancing user experience with visually attractive elements and streamlining access to user information
- Implemented a cutting edge CI/CD pipeline to maintain the integrity and reliability of all API calls to the MongoDB database, ensuring continuous validation and optimization of the back-end system

**The Lumebox** - JavaScript, Shopify Liquid

- Performed a full Shopify store buildout for the red-light therapy company The Lumebox, working closely with a UI/UX expert to deliver a striking design
- Built out over 15, fully-functional and content filled blog-type pages to be delivered to purchasing customers in a short time frame in order to meet deadlines
- Customized the store to add a variety of unique features not typically available to the Shopify platform such as a customized checkout experience, easy buttons for smooth scrolling, and scalable product display templates

**Animated, Customizable 3D Character - React, React Three Fiber**

- Combined R3F with React Three Drei to craft an immersive 3D experience with smooth animation transitions
- Engineered dynamic camera controls and customizable character appearance using advanced mesh manipulation techniques for precise user control

## WORK EXPERIENCE

**Upwork** - Shopify Web Developer (September 2022 - Present)

- Enhanced SEO rankings and accelerated web performance metrics for multiple e-commerce platforms, achieving improvements of up to 21% (from 77 to 93) through integration of apps and optimization of code
- Spearheaded end-to-end development of numerous e-commerce stores, contributing to substantial revenue generation with select ventures netting over \$5,000 in daily earnings
- Garnered a perfect track record of client satisfaction, scoring exclusively 5-star reviews and maintaining a flawless 100% job completion rate

**UCSD, The Bistro** - Student Lead/Service Worker (February 2021 - June 2022)

- Led student teams, improving workflow and resolving conflicts through strategic delegation and effective mediation between both students and customers