

Robert Sanchez

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Education

Bachelor of Science in Computer Science
Stony Brook University

Experience

Frontend Developer Internship | [Certificate](#)
Frontend Simplified

Sep 2024 - Current

- Transformed a completely static HTML, CSS, JavaScript and React single page application into an interactive user interface using animations, transitions and carousels.
- Processed API requests with Axios to dynamically retrieve data from a cloud server and displayed it with skeleton loading states, pagination and dynamic routing.
- Utilized Git version control and the GitHub interface to work and thrive in a virtual and collaborative team environment.

Full Stack Software Engineer Internship
Apple

July 2021 - Dec 2021

- Maintained responsive web application using React and TypeScript, enhancing user engagement by 30%.
- Collaborated with cross-functional teams to streamline the user journey, resulting in a 20% decrease in bounce rates.
- Conducted unit testing with JUnit, achieving 95% test coverage and ensuring code reliability.

Projects

Personal Website | [Website](#) | [GitHub](#)

- My personal website which highlights my programming skills and contains the website links for all my projects listed below.
- Implemented Light and Dark mode.

Apple Website Clone | [Website](#) | [GitHub](#)

- Recreated Apple's product page for their flagship product, iPhone 15.
- Used GSAP for animations on scroll triggers.
- Ensured full responsiveness using React, Javascript, HTML, and CSS best practices.

Mock Health Management System | [Website](#) | [GitHub](#)

- Implemented Health Management System allowing users to more easily stay connected with their health provider with NextJS.
- Utilized Shadcn components to improve reusability and user experience.
- Created CarePulse clone using React, TypeScript, HTML, and CSS best practices.

Podcast App | [Website](#) | [GitHub](#)

- Implemented podcast app where users can create/listen to podcasts using Appwrite for backend functionality.
- Used OpenAI API to allow users to generate thumbnail images and podcast audio based on text prompt.
- Created a fully responsive podcast app using React, NextJS, TypeScript, HTML, and CSS best practices.

OMDB | [Website](#) | [GitHub](#)

- Fetched data from OMDB API to implement a search and filter system for movies and tv series.
- Created a fully responsive movie app using React, Javascript, HTML, and CSS best practices.

Technical Skills

Languages: HTML5 | CSS3 (+ SCSS, BEM) | JavaScript ES6+ | Typescript | Python | C

Frameworks: React (+ hooks) | Next.js | Three.js | Material-UI

Technology: NPM | Git | Yarn | React dev tools | Firebase v9 | GitHub | Appwrite | Convex | Clerk | GSAP