

KRISTEN SANTOS

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TECHNOLOGIES

Javascript, React, NextJs, HTML5, CSS3, Express.js, PostgreSQL, SQL, AWS (Cloud-9), Figma, VSCode

RELEVANT WORK EXPERIENCE

Software Engineering Teaching Assistant - The Marcy Lab School Brooklyn, NY | Mar 2024 - Present

- Conducted detailed code reviews and provided feedback to 30+ students, enhancing their JavaScript, React, and SQL proficiency
- Guided students through debugging and problem-solving, reinforcing fundamental development practices
- Assisted in building foundational projects using React and Node.js, ensuring best practices in software development

Developer Contractor - NJCIC (NJ Consortium for Immigrant Children) New York, NY | Jul 2023 - Sep 2023

- Spearheaded the development of key features that significantly improved user engagement and access to state representatives' contact information
- Integrated RESTful API calls to dynamically fetch and display legislative data, increasing engagement
- Wrote clear technical documentation for long-term sustainability and easy maintenance

SOFTWARE PROJECTS

Binge Finder - Project | Github: [Project](#) | [Binge Finder](#) Jan 2025

A web application that helps users discover new TV shows and access detailed information to find their next favorite series

- Implemented RESTful API calls to fetch and display show details, optimizing data retrieval efficiency
- Designed a responsive React-based UI with CSS, ensuring a seamless multi-device experience
- Integrated local storage to allow users to save and revisit their favorite shows

CareCompanion - Project | Github: [Project](#) | [CareCompanion](#) Jun 2023

An application designed to amplify the voices of people of color in healthcare and promote equity, accountability, & transparency

- Integrated the frontend with CareCompanion's API seamlessly, handling data retrieval, updating UI components, and ensuring smooth communication between the frontend and backend systems
- Built the bookmark feature for users to save doctors and healthcare facilities for later reference, enhancing the platform's personalization and user efficiency
- Utilized Bulma CSS to create responsive, user-friendly interfaces, ensuring a cohesive experience across devices.

Bird-Go - Project | Github: [Project](#) | [Bird-Go](#) Apr 2023

An online community platform for bird enthusiasts, citizen scientists, and bird watchers to share information about birds

- Designed a responsive front-end interface using modern design patterns and accessibility standards, creating an intuitive user experience optimized for multiple screen sizes.
- Developed a bookmarking feature using React, Node.js and PostgreSQL, enhancing user personalization
- Created reusable HTML components using Pug.js templating, development workflow and maintaining consistent code structure

SPACE RUN - Project | Github: [Project-Repo](#) | [SPACERUN](#) Feb 2023

A 2D game that challenges players to avoid obstacles and climb the leaderboard, designed with HTML, CSS, and Vanilla JavaScript.

- Led technical development of Space Run game, architecting core gameplay systems and mechanics using JavaScript, HTML, and CSS to deliver a compelling player experience
- Managed a 3-person development team, establishing clear priorities and timelines that resulted in on-time delivery of all project milestones
- Engineered obstacle and scoring systems that increased player engagement and replayability

EDUCATION

Fellow - Google G-SWEP Program New York, NY | Oct 2023 - Dec 2023

- Engaged in weekly 1:1 sessions with a Google Software Engineer to hone my understanding of data structures and algorithms
- Received coaching and mentorship to master interview skills and bolster my technical problem-solving abilities

Software Engineering Fellow - The Marcy Lab School Brooklyn, NY | Sep 2022 - Sep 2023

- Completed 2,000 hours of coursework in web development, CS fundamentals, and leadership development
- Developed proficiency in HTML/CSS, JavaScript, NodeJS, ReactJS, SQL, and AWS
- Contributed to the open-source community by writing a blog about programming technologies such as React

AS - Utah Valley University Orem, UT | Sep 2017 - May 2020

- General Studies - GPA 3.48