

Carlos Martinez

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BRAND STATEMENT

As a full-stack software engineer, I leverage technology to build community-driven, impactful solutions. I specialize in developing user-centric platforms that address real-world problems, employing a collaborative approach to devise and deliver tailored solutions. With a mindset guided by a commitment to inclusivity, I strive to create digital environments that are accessible and beneficial to all users. Through my innovative approach and dedication to effective, client-focused solutions, I aim to make a positive impact in the tech landscape.

TECHNICAL SKILLS

Languages: Javascript | Python | HTML5 | CSS3

Frameworks/Libraries: Express | Mongoose | Django | React | Material UI | TailwindCSS | Bootstrap

Databases/Backends: PostgreSQL | MongoDB

Methodologies: MVC | OOP | RESTful Architecture

Tools: Git | GitHub | MS Visual Studio Code | Command Line Interface

PROJECTS

Blackjack Game

- Engineered a dynamic Blackjack game employing JavaScript, HTML, and CSS, showcasing a solid grasp of front-end technologies.
- Utilized JavaScript functions, array methods, and object-oriented programming to implement game functionalities such as buttons, rounds, win/lose/tie conditions, and a wagering system.
- Employed CSS and HTML to craft intuitive user interfaces, highlighting my focus on user experience and design.

Project Link: [Blackjack Game](#)

AniDex (Anime Progress Tracking App)

- Spearheaded a team to develop AniDex, an anime progress-tracking app, accentuating my collaborative and leadership skills.
- Constructed a responsive web application, harnessing Node.js, Express, Mongoose, and MongoDB, showcasing full-stack development expertise.
- Leverages MongoDB and Mongoose for robust data management and security.
- Instituted the GitFlow workflow to facilitate effective team collaboration and version control.

Project Link: [AniDex](#)

NEED / E-commerce Application

- Developed a comprehensive online marketplace, using the MERN Stack (MongoDB, Express, React.js, Node).
- Created a visually enticing and user-centric Single-Page Application (SPA) for a frictionless shopping experience.
- Crafted server-side logic to allow for user authentication and API integration using Express.
- Leveraged Stripe API and DummyJSON API for a feature-rich and secure shopping platform.

Project Link: [NEED](#)

Fitness Tracker App

- Developed a comprehensive Fitness Tracker App using Python, Django, and PostgreSQL, enabling users to create and manage personalized workout routines.
- Integrated with WGER API for exercise selection and FreeCodeCamp API for motivational quotes, enhancing user engagement and motivation.
- Implemented user authentication and built an intuitive dashboard for displaying weekly schedules and muscle groups targeted.
- Successfully deployed Django and PostgreSQL applications on Heroku, demonstrating proficiency in full-stack development.

Project Link: [FitTrax](#)

EXPERIENCE

La Unidad Latina, Lambda Upsilon Lambda Fraternity, Inc. – Los Angeles, California

June 2022 – Dec 2022

Web Development Support

- Conducted in-depth analysis and review of existing codebase to comprehend the functionality and architecture, allowing me to find the most efficient approach to implementing new features and updates.
- Led the revamp of the Hermanos page, by meticulously integrating new member information, profile images, and summaries.
- Collaborated cross-functionally with the digital marketing team, providing critical insights and technical expertise to drive web-based initiatives and content strategies.
- Employed best practices in version control, utilizing Git for seamless collaboration and ensuring code integrity through meticulous reviews and testing.

EDUCATION

General Assembly, Adobe Digital Academy Software Engineering Immersive Bootcamp

March 2023 - June 2023

University of California, Los Angeles, Sociology, Chicana/o and Central American Studies

September 2018 - June 2022

Santa Monica College, Web Programming/Computer Science

June 2023 - Present