Carlos Martinez

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BRAND STATEMENT

As a full-stack software engineer, my driving force is employing technology to connect people and create solutions that make a tangible difference. I focus on crafting user-centric platforms that address real-world challenges. My ability to communicate effectively is integral to collaborating with teams and stakeholders to ideate and deliver tailor-made solutions. My commitment to equity and inclusion guides my approach to development, ensuring the creation of accessible and empowering digital environments. Through my innovative mindset, and dedication to client-focused solutions, I am to be an active contributor in shaping the technological landscape for the betterment of communities.

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 / Ecommerce 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 application 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*