Miguel A. Colmenares

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CORE SKILLS

Front End: (Next.js, React, HTML, CSS, Bootstrap, Tailwind, Framer Motion); Back End: (Javascript ES6, Typescript, Node.js, Express, GraphQL, OpenAI API); Server: (AWS, Linode, Tendermint); Database: (MongoDB, Headless CMS, Directus CMS, Sanity CMS); OS: (iOS, Windows, Linux); Blockchain: (Cosmos, CosmWasm)

WORK EXPERIENCE

Web Developer - *Freelance*

Atlanta, Georgia. November, 2023 − current

- Spearheaded the transformation of the Whitespace museum's website by migrating from manual WordPress updates to a dynamic React solution.
- Implemented a React-based website and leveraged Sanity CMS as the database for seamless content management, integrating dynamic forms on the backend, simplifying the addition of new artists, events, and gallery images
- Revolutionized the content management process, surpassing the efficiency of the previous WordPress system.

Web Developer - *Cheves Briceno Law Firm*

Atlanta, Georgia. February, 2023 − September, 2023

- Led website migration from WordPress to Next.js and integrated Directus Headless CMS. Achieved a 39 percent increase in Google PageSpeed Insights' Performance metric, enhancing user experience
- Utilized a modern frontend tech stack, including TypeScript, Tailwind CSS, and Next.js, to build responsive and performant web applications
- Integrated application with the ChatGPT API, training it to only provide context-specific responses from the law firm.
- Implemented file-based routing, server and client components, data fetching, server-side rendering (SSR), SEO best practices, internationalization (i18n) to enhance user experiences, and created contact forms that directly route submissions to email

Blockchain Developer - *Cosmos Blockchain Freelance*

Atlanta, Georgia. November, 2021 − December, 2022

- Utilized scripting tools to randomly generate thousands of images for NFT art collections, uploaded images to IPFS, and deployed collections based on sg721 contracts to the Cosmos Stargaze Marketplace
- Configured cloud servers on Linode using the Tendermint protocol in order to launch an active set of Stargaze and Osmosis Validator nodes
- Managed multiple cloud servers systems on Linode with Linux Ubuntu, created and managed system permissions and user accounts, oversaw network security and firewalls, monitored network performance, cloud resources, and updates for Cosmos proof-of-stake nodes and validators

PROJECT WORK

Modern Hip Hop - *Modern music blog using Next.js framework and Hygraph headless CMS*

- Implemented Next.js for pre-rendering with static-site-generation to boost performance and faster responses
- Designed a modern user interface using Tailwind CSS and Framer Motion for animations
- Maintained GraphQL for creating schemas and models as well as harnesssing Hygraph as a headless content management system
- Built blog includes featured and recent posts, categories, full markdown articles, author information, comments, and more

Gym Warrior - *Fitness API application*

- Developed React app using RapidAPI to fetch, connect, and build from a pool of thousands of APIs
- Customized application user interface using MaterialUI for faster componenet development
- Generated application allows users to browse more than 100 exercises with practical examples, pagination, exercise details, and pulled related videos from YouTube showing similar exercises

EDUCATION

Kennesaw State University   Atlanta, Georgia

MS Information Technology - Concentration: Information Technology Security GPA: 4.0/4.0 Graduation: December 2021