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); Server: (AWS, Linode, Tendermint); Database: (MongoDB, Headless CMS); OS: (iOS, Windows, Linux); Blockchain: (Cosmos, CosmWasm)

WORK EXPERIENCE

Web Developer - *Cheves Briceno Atlanta Immigration and Personal Injury 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.
- Implemented file-based routing, server and client components, data fetching, server-side rendering (SSR), SEO best practices, and internationalization (i18n) to enhance user experiences.
- Introduced effective SEO strategies, enhancing the website's visibility in search engine results and driving organic traffic growth including dynamic sitemaps and Google Analytics integration
- Managed backend data using Directus, employing efficient data structures and robust authorization mechanisms.
- Integrated AWS S3 storage for secure file management and efficiently deployed projects on platforms like Vercel and Railway to ensure scalability and optimal performance.

Blockchain Developer - *AndromedaLabs*

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

Memories - *Full stack MERN social media application*

- Arranged full stack social media application with complete Google and Email user authentication
- Handled stored data through MongoDB as a NoSQL database management application
- Processed web application server-side logic using Express
- Optimized application for component based rendering using React and Node for backend development

EDUCATION

Kennesaw State University   Atlanta, Georgia

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