William Sanchez

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Objective

Multi-Industry Professional seeking a role as a Frontend Developer where exceptional technical skills in software development, along with previous successes in project management and cross-collaboration, will be applied to deliver scalable solutions and drive value for all stakeholders, clients, and customers.

Skills

JavaScript • React • Node.JS • Next.js • Python • Flask • HTML • CSS • Solidity • Web3.js • SQL • PostgreSQL • Firebase • NoSQL • REST API • Axios • Git • Design • TailwindCSS • Bootstrap • Vercel • Heroku • Netlify • SEO

Experience

Freelance   *Pittsburgh, PA*
FULL STACK DEVELOPER   *2021–Present*

- Developed Full-Stack web applications with a range of technologies and frameworks for several Start-Ups and Small Businesses
- Integrated API data via Asynchronous JavaScript interaction methods
- Continued learning and implementation of latest trends, such as building decentralized applications on blockchain networks
- Utilized Git source control to easily revert to previous versions if client's request adjustments
- Oversaw troubleshooting of technical issues to solve problems quickly and efficiently
- Deployed web applications on several platforms, including: Heroku, Netlify, Vercel

Advantage Solutions   *Woodcliff Lake, NJ*
BUSINESS DEVELOPMENT MANAGER   *2018–2020*

- Analyzed IRI/Nielsen Data using Python Libraries to identify any emerging growth opportunities within the marketplace, and generate data visualizations for presentations
- Created tools for personal use to automate administrative tasks with Python
- Maximized manufacturer marketing and promotional funds to achieve strategic goals while staying within allocated annual spending budget
- Maintained all forecasts using Oracle Based Sales Management Software, utilizing internal reporting tools and Power BI to ensure record accuracy for stakeholders
- Worked closely with supply chain teams to manage allocations and supply constraints to ensure that clients/retailers received fair product distribution within challenges created by the global pandemic

Projects

Organized Crime Apes NFT Minting dApp   *React, NodeJS, JavaScript, TailwindCSS, Hardhat,*
FREELANCE DEVELOPER   *IPFS, Solidity, Blocknative, Vercel, Web3*
Demo | Github Repo

- Decentralized Full Stack NFT Minting Application built on Ethereum Network for Organized Crime Apes NFT Project (Deployed Demo Version on Rinkeby Testnet with dummy artwork for client privacy)
- Images and Metadata hosted on Interplanetary File System (IPFS)
- Solidity ERC-721 Smart Contract enables minting/payment and OpenSea gasless listing
- Blocknative Framework for onboarding users and securely connecting to consumer crypto wallets
- dApp is run on Alchemy supernode
- Deployed on Vercel

JTrivia Full Stack Web App
FULL STACK DEVELOPER – PORTFOLIO PROJECT
Demo | **Github Repo**
JavaScript, Python, SQL, HTML, CSS, Fetch, **Flask, Bootstrap, SQLAlchemy, Scrapy, Heroku**

- Database was created using Scrapy to access tens of thousands of pages from https://jeopardyquestions.com.
- Data was retrieved from database using Python SQLAlchemy, then fetched asynchronously from the app.js file, which loads the game board when user starts the game
- Login and Registration forms use JavaScript Regular Expressions for requirement checks before enabling submission
- Python function conducts final validation against database before granting user access
- Deployed on Heroku

Github Finder Web Application
FULL STACK DEVELOPER – PORTFOLIO PROJECT
Demo | **Github Repo**
React, NodeJS, TailwindCSS, DaisyUI, API, Vercel

- React App that fetches data from the GitHub API to search for users and repositories
- Context and Reducers manage state across all app components
- Responsive design styled with TailwindCSS and DaisyUI to display fetched data on appealing user-interface
- Deployed on Vercel

Blog
FULL STACK DEVELOPER – PORTFOLIO PROJECT
Demo | **Github Repo**
Python, HTML, CSS, SQL, Flask, Bootstrap, SQLAlchemy, Heroku

- Full Stack Web Blog built with Flask
- CRUD functionality for easy user experience for both blog owner and viewers
- Secure User Authentication with hashing/salting encryption
- Sqlite3 Database connected using SQLAlchemy
- Deployed on Heroku

Education

Pennsylvania State University
BS Marketing   *2008–2012*

Harvard CS50: Introduction to Computer Science   Harvard - EDX
100 Days of Code: The Complete Python Pro Bootcamp   Udemy - Angela Yu
Modern JavaScript: From the Beginning   Udemy - Brad Traversy
React Front to Back 2022   Udemy - Brad Traversy