

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, Scrappy, Heroku

- Database was created using Scrappy 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

100 Days of Code: The Complete Python Pro Bootcamp

Modern JavaScript: From the Beginning

React Front to Back 2022

Harvard - EDX

Udemy - Angela Yu

Udemy - Brad Traversy

Udemy - Brad Traversy