Jeus Santiago

SOFTWARE DEVELOPER

CONTACT

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portfolio

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CODING LANGUAGES

- ☑ Python
- ☑ SQL
- ☑ Javascript
- ☑ Solidity

WEB DEVELOPMENT

- ☑ React
- ☑ PostgreSQL
- ☑ Redux
- ☑ MySQL
- ☑ Bootstrap
- ☑ SQLite
- ☑ Django
- ☑ MongoDB
- ☑ AWS S3
- ☑ pgAdmin
- ☑ AWS RDS
- ☑ Heroku
- ☑ Rest API
- ☑ Git
- ☑ Postman
- ☑ GitHub

DATA SCIENCE TOOLS

- ☑ Pandas
- ☑ Matplotlib
- ☑ NumPy
- ☑ Tensorflow
- ☑ SciPy
- ☑ Keras
- ☑ Seaborn
- ☑ Scikit-Learn
- ☑ DBeaver

CRYPTO DEVELOPMENT

- ☑ Web3.js
- ☑ Brownie
- ☑ Ethers.js
- ☑ Ganache

EDUCATION

Data Science, 2019
Flatiron School - New York, NY

Computer Science, 2018
Rutgers, The State University of New Jersey - New Brunswick, NJ

PROFILE

A software developer with a unique blend of computer science, data science, crypto development, and web development expertise, bringing over 3 years of experience and notable success, including creating a trading bot that raised $1M in its inaugural month.

WORK EXPERIENCE

Freelance Software Developer

Private Clients   *Apr 2021 - Aug 2023*

- Streamlined operations for private clients through end-to-end web development, including front-end design, back-end implementation, database integration, and decentralized finance (DeFi) applications.
- Delivered 10+ projects on time and within budget, resulting in increased client satisfaction and repeat business.
- Facilitated clear communication between technical and non-technical stakeholders, ensuring smooth assignment comprehension and timely issue resolution.
- Prioritized software design principles, emphasizing maintainability, modularity, and usability to enhance code comprehensibility, facilitate future updates, and improve overall user experience.

Software Developer

Oxy - Fi   *Feb 2022 - Aug 2022*

- Partnered with 1 other developer to craft and rigorously test a variety of smart contracts, using Remix Unit Test and Testnet deployments for comprehensive quality assurance.
- Orchestrated seamless collaboration with a cross-functional team of designers, illustrators, and developers, resulting in the creation of a visually captivating website that boosted positive user feedback by 100%.
- Teamed up with 1 other developer to ensure the successful creation of a front-end, concentrating on the functional aspects and the integration of smart contracts located on the blockchain.
- Reviewed and optimized code for enhanced performance, debugged problems, and corrected issues.

Software Developer

Curious George Capital   *Mar 2020 - Dec 2021*

- Established a robust server infrastructure to facilitate the operation of an accessible Jupyter Notebook environment for a team of less than 10 people.
- In collaboration with a team, developed custom scripts to acquire, process, and systematically store extensive cryptocurrency trading datasets from reputable exchanges onto AWS RDS, managing data volumes exceeding 10 million lines.
- Implemented efficient information retrieval techniques, focusing on query processing, to create a system that enables team members to easily locate specific pieces of data, enhancing accessibility and usability.
- Utilized advanced data analytics to develop an automated trading algorithm that raised over $1M.

PROJECTS

Coin Companions

- Developed a web application with a React frontend and Django backend, enabling users to manage group activities and log shared expenses, similar to Splitwise.
- Designed RESTful backend APIs, streamlining data storage in AWS RDS and AWS S3, guaranteeing data integrity and scalability.
- Implemented optimal payment distributions using Simplify Debt Algorithm for financial management.
- Ensured an uninterrupted user experience through JWS-based authentication and persistent login

Travel Helper Web Extension

- Diagnosed inefficiencies in the Google Flights platform, uncovering instances where 1-2 better-priced deals were occasionally missed in comparison to competitor sites.
- Created a Chrome web extension for streamlined price comparison across multiple competitors.