

Jeus Santiago

SOFTWARE DEVELOPER

CONTACT



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[portfolio](#)



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CODING LANGUAGES

- ☒ Python
- ☒ Javascript
- ☒ SQL
- ☒ Solidity

WEB DEVELOPMENT

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

DATA SCIENCE TOOLS

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

CRYPTO DEVELOPMENT

- ☒ Web3.js
- ☒ Ethers.js
- ☒ Brownie
- ☒ 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 2023

- 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

Feb 2022 - Aug 2023

- 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.