Guillermo Aviles
Software Engineering | Research

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Summary

Crypto and Web3 native Software Engineer passionate for user-centric solutions that lower the complexity barrier for network users. A natural leader, analytical, extremely motivated, and curious hard worker with impeccable attention to detail and desire to build innovative products that drive a decentralized future. Believes in the power of collaboration when solving complex technical problems.

Skills

HTML • CSS • JavaScript • React • Node.js • Express • Mongoose • Python • SQL • Git • Github

Projects

Lungo NFT Portfolio Visualizer & Wallet Tracker | Built Using: HTML, CSS, JavaScript, Next.js, Node, Mongoose, mongoDB
- Created a web3 native web application where users are able to sign in with their MetaMask account.
- Users are able to log in and view NFTs they own, and see information about their NFTs such as attributes, along with links to marketplaces like OpenSea.
- Users are also able to track other wallets, providing a real-time view of other investors' portfolios and how they are managing their NFT investments.

Crosschain Bridge Stats App | Built Using: HTML, CSS, JavaScript, React, Axelarscan API
- Created a web application to allow users to query crosschain bridge transfer data across various bridge routes.
- Users select the source chain, destination chain, asset and time range through a simple and easy to use UI and get a breakdown of the results through visual graphs and formatted data.

Experience

General Assembly | Software Engineering Fellow | Remote   October 2022 - Present
- Designed and built fully responsive front end web applications using HTML, CSS, Javascript, React, and third party API integrations.
- Developed full-stack applications and designed REST APIs with full CRUD functionality using React, Javascript, Node.js, Express, Python and PostgreSQL.
- Applied knowledge of programming best practices and computer science concepts, including algorithms, data structures, databases and MVC pattern design to develop high quality and maintainable code.

Messari | Researcher & Protocol Services Associate | Remote   October 2021 - June 2022
- Conducted research on fundamentals, token economics, and value accrual mechanisms for cryptoassets.
- Sourced new assets to be featured on Messari's database through third party tools, such as DeFi Llama and Token Terminal and internal sources.
- Prepared, corrected and modified asset profiles to ensure adherence to Messari's documentation guidelines providing objective information for subscribers across the space.

Education

General Assembly | Software Engineering Certification | Remote   January 2023

Polytechnic University of PR | BE, Mechanical Engineering; conc. in Aerospace | SJ, PR   May 2020