Guillermo Aviles
Software Engineer

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Summary

Software Engineer passionate for user-centric solutions that lower the complexity barrier for users. A natural leader, analytical, extremely motivated, and curious hard worker with impeccable attention to detail and desire to build innovative products. Advocate of collaboration especially in the context of solving complex technical problems.

Skills

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

Projects

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.

Online Store | Built Using: HTML, CSS, JavaScript, React, Node, Mongoose, mongoDB
- Created a full stack web application for an ecommerce store.
- Applied functionalities such as ability to buy, list items for sale and add product reviews using API calls that interact with the backend.
- Achieved full CRUD functionality with deployed front and back ends.
- Utilized custom API built using Node, Express and Mongoose.

Experience

General Assembly | Software Engineering Apprentice | Remote   October 2022 - Jan 2023
- 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 documentation.
- Prepared, corrected and modified asset profiles to ensure adherence to Messari's documentation guidelines providing objective information for subscribers across the ecosystem.

Education

General Assembly | Software Engineering Certification | Remote   January 2023

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