Juan Cardenas

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+1 (249) 288-3586 | github.com/Juanfec4 | Ontario, CA

Results-driven Software Engineer with expertise in developing flexible client-facing applications and REST APIs using TypeScript, Node.js, and React. Proven track record of enhancing system performance, data integrity, and security across diverse projects.

Relevant Experience

Crypto Coins | Software Engineering Research Assistant   (Oct. 2023 - Present)

- Built a REST API that served real-time financial market simulation data to React clients.
- Improved experimental data integrity and collection by migrating to PostgreSQL, and re-designing database schemas.
- Improved application security, and reliability by implementing user authentication flows using JWT, and two factor authentication using Node.js mailing libraries.

ESAR | Desktop Application Developer   (Jul. 2020 - Oct. 2021)

- Upgraded existing ERP systems for hospitals by building React Single Page Applications providing doctors with better access to medical records.
- Improved service accessibility through the migration of web hosted learning platforms into application contexts utilizing Redux and Electron.
- Integrated existing web services and data clouds with an in-house REST API built using Express and Knex.js.

Education

B.S. Software Engineering | Western Governors University   *(Anticipated)* Feb. 2024

Diploma, Web Development | Brainstation   Dec. 2023

Certificates

ITIL4 | Axelos

Introductory Computer Science | HarvardX

Tailwind CSS Training | Udemy

Projects

GitStory | git-story-rho.vercel.app/?user=juanfec4

- Single Page Application built on TypeScript using React, and TailwindCSS, that lets users quickly share and view their GitHub repositories. The application integrates with the GitHub API.

VidStats API & Client | vid-stats.vercel.app

- Full Stack Application built using Node.js, React (ES6+), and Express that lets users interact with Open AI's Whisper audio model, creating real-time video word transcriptions and analysis.