Joao Barrera

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Winter Garden, FL

Summary

Software Developer

Trustworthy, reliable self-taught Software Developer who has a strong interest in learning new skills and solving problems. Seeking opportunities to apply my software expertise as a competent worker to contribute to company goals and needs.

I have reasonable experience creating Web Applications with Node.js and Python based frameworks such as React.js, Express.js, and Flask; building REST APIs, using JQuery, AJAX, developing applications with Java, Typescript and Python utilizing concepts such as OOP and design principles, and Data Analysis with Python libraries like Pandas, SciPy and Matplotlib.

I am very familiar with the mainstream organization/communication tools such as Git, GitHub, Trello, Teams, Slack, etc.

I also have some experience with CRM tools (ActiveCampaign, Keap), CMS frameworks (Wordpress) and building websites with the PHP ecosystem (WAMP).

Please check out my portfolio and personal profile on: https://joao-barrera.up.railway.app/

GitHub: https://github.com/joaovictorbarrera

Linkedin: https://www.linkedin.com/in/john-barrera-373547145

Experience

Junior Web Developer
GetUWired Inc. • Remote

Projects

Live at: https://joao-barrera.up.railway.app/

- **React Shopping Cart:** Designed and implemented a fake store with a shopping cart web application using React.js with an express.js server. [https://bit.ly/3RWmCQs]

- **Barrera Wordle Bot:** Created a Wordle Game Discord Bot using Discord API and Node.js. [https://bit.ly/3AZIqUo]

- **Providers App:** Built a web application to analyze, organize and generate graphs on company service providers data using Python libraries such as Pandas, Plotly, and Flask. [https://bit.ly/3L6Z9dd]

- **[WIP, in Development] Memorable:** Developing social media app similar to Instagram. Contains features like login, creating your own profile, following other people, and creating posts. Made with React.js on the front-end, and Express.js/MongoDB on the backend. [https://bit.ly/3fC876n]

Certificates

IBM Data Science Professional Certificate, Princeton Algorithms and Data Structures I & II, AP Computer Science A (CSE 142), Freecodecamp JavaScript Algorithms and Data Structures, AP Calculus AB (MATH 124)

Skills

Node.js, React.js, Javascript, Front-End Development, APIs, REST, PHP, Java, Python, SQL, NoSQL, CRM Software, Software Design, CSS, HTML, Git, GitHub, MongoDB, MySQL, JQuery, Task Management Tools, Trello, AJAX, Flask

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Languages

English, Portuguese

Education

High School Diploma

North Creek High School • Bothell, WA
06/2021

Coursework

Data Science Specialization:

- Built a multigraph responsive dashboard with Dash/Plotly for the US Domestic Airline Flights Performance data. [https://bit.ly/3xeZxR6]

- Completed the capstone project, which involved full data collection, exploration, and machine learning model implementation to predict the outcome of SpaceX's rocket landing process. [https://bit.ly /3L38ym1]

AP CS A [https://bit.ly/3UcTxlM]:

- Coded a Java version of Excel using Object-Oriented Programming.

- Coded a fraction calculator with support for operator and parentheses precedence in Java. Coded a basic spell checker with a suggestion algorithm in Java.