

# Joao Barrera

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Winter Garden, FL

## Summary

### Software Developer

Trustworthy, reliable self-taught Software Developer with 2 years of experience who has a strong interest in learning new skills and solving problems. Seeking junior/entry-level opportunities to apply my software expertise as a competent worker to contribute to company goals and needs.

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

I am quite familiar with the mainstream task management, version control and 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>

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## Experience

### Junior Web Developer

GetUWired Inc. • Remote

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## 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>]

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## 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)

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## 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

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## Education

### High School Diploma

North Creek High School • Bothell, WA  
06/2021

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## 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/3UcTxIM>]:

- 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.