Weslley Victor da Costa Vieira

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<ABOUT ME />

I utilize technologies such as JavaScript, Node.js, PHP and MySQL to build and deploy full-stack web applications, having previous experience with Digital Ocean's VPS and the Heroku cloud platform. Given my background in a STEM field, I also have experience with data analysis using tools such as Python and SQL. I'm passionate about learning and I have a special interest in back-end web development and DevOps.

<TECHNICAL SKILLS />

Programming languages: C/C++ (familiar), Java, JavaScript, TypeScript, Python, PHP
Front-end development: HTML5, CSS3, Bootstrap4, jQuery, React (familiar)
Back-end development: Node.js, Express, Laravel (familiar)
Databases: MySQL, MongoDB
Data analysis: pandas, numpy, matplotlib, SQL
Version Control: Git, GitHub, GitLab

<LANGUAGES />

Portuguese (Native)
English (Fluent)
German (Beginner)
Spanish (Beginner)

<PROFESSIONAL EXPERIENCE />

Software Developer at Kompetenza   May 2021 – Present
- Development of integrations between third party applications/APIs and the Salesforce platform
- Technologies: JavaScript, Node.js, React, MongoDB, Heroku, Apex, Salesforce Lightning, MuleSoft

Research Assistant at CAUP   Feb 2020 – Dec 2020
- Implemented a Python software using statistical tools such as Markov chain Monte Carlo to improve measurement of uncertainties on velocities of stars with the goal of setting constrains on dark matter present on ultra-faint dwarf galaxies
- Utilized the following Python libraries: *numpy, pandas, matplotlib and astropy,* among others

<PROJECTS />

TEAM PROJECTS

Full-Stack Developer at Accio   Mar 2021 – Present
- Part of the development team for a file sharing social network project build by university students
- Implemented the MVC software design pattern on back-end code and simple CI/CD practices on deployment process
- Used PHP, MySQL, JavaScript, jQuery and Semantic UI

PERSONAL PROJECTS

Personal blog
GitHub | **Website**
- Developed a personal blog and deployed it on the Heroku cloud platform.
- Utilized Node.js and Express in the back-end, and MySQL as the database.

Wikipedia Covid-19 Charts Generator
GitHub
- Developed a Python script that parses the DGS website for daily Covid-19 reports and generates timeline charts and summary tables with the goal of contributing to Portugal's Wikipedia page.

Kino
GitHub | **Website**
- Developed a web application where users can look up detailed information about the movies they love.
- Used Node.js, Express, MongoDB and React for development and it was deployed on Heroku.

Endenda Mais
GitHub | **Website**
- Implemented a CRUD web application for a science communication project called Entenda Mais.
- The project was developed using the PHP framework Laravel and MySQL.

<EDUCATION />

Universidade do Porto   2018 – 2022 (expected)
Major: Bachelor's Degree in Physics
Minor: Computer Science
CS Coursework: Data Structures and Algorithms, Algorithm Design and Analysis, Web Technologies, Software Architecture, Computer Networking, Databases, Operating Systems, Functional Programming

<INTERESTS />

full-stack web development, algorithms and data structures, blockchain, web3