

Henrique Parreira Castro

LinkedIn: parreirahenrique

GitHub: parreirahenrique

E-mail: henrique_castro97@hotmail.com

Celular: +55 37 98402-5800

Idade: 26 years old

Summary

- Full Stack Developer with expertise in various programming languages, such as JavaScript, Python, C#, HTML5, and CSS3;
- Experience in diverse areas of software development, including RESTful API modeling, database creation and manipulation, design of layouts for web pages, and development of interactive features for these pages;
- Enthusiastic about learning new programming languages and frameworks, consistently seeking to acquire more skills in these growing technologies;
- Adaptability, collaboration, analytical capability, calmness, and attention to detail are integral parts of my professional profile.

Education

- **Bachelor's Degree in Electrical Engineering:** (March 2015 – March 2021)
Federal University of São João del-Rei – Santo Antônio Campus, São João del-Rei, MG, Brazil.

Professional Experience

DNA Elétrica Energia Solar LTDA

Position: Technical Draftsman

(November 2021 – May 2023)

- **Key responsibilities:**
 - Design and maintenance of a database responsible for storing information about clients, inverters, photovoltaic modules, and the specific details of each photovoltaic project;
 - Development of a RESTful API using the FastAPI framework to feed and retrieve information from the database, as well as enable the completion of documents and forms required for the photovoltaic project;
 - Creation of a web page using HTML5, CSS3, and JavaScript, allowing the input of data that would be supplied to the database;
 - Automation, using Visual Basic for Applications (VBA), of Office suite applications for various spreadsheets;
 - Formulation of photovoltaic projects in accordance with the regulations of the energy concessionaire in the state of Minas Gerais;
 - Conducting technical visits to clients to determine the specific requirements of the projects needed to serve them.

Skills

- Languages: English, Portuguese;
- Software Development: JavaScript, Python, SQL, C#, HTML5, CSS3;
- Software and Services: AutoCAD, MATLAB, Git, Pacote Office (com ênfase em Excel, Word e Power Point);
- Libraries: SQLAlchemy, Keras, TensorFlow, Scikit-Learn, Alembic, Pandas, Numpy, Openpyxl, Seaborn, Matplotlib;
- Frameworks: FastAPI, Flask.

Certifications

- **JavaScript Algorithms and Data Structures (Beta)**

Competencies: JavaScript Fundamentals, Data Structures

Credential: <https://www.freecodecamp.org/certification/parreirahenrique/javascript-algorithms-and-data-structures-v8>

freeCodeCamp – issued in 01/2024

- **HTML Web Developer**

Competencies: Fundamentos de HTML5, CSS3 e JavaScript

Credential: <https://www.dio.me/certificate/4ACED382/share>

Digital Innovation One – issued in 08/2021

- **Machine Learning with Python**

Competencies: Machine Learning, TensorFlow, Scikit-Learn

Credential: <https://www.freecodecamp.org/certification/parreirahenrique/machine-learning-with-python-v7>

freeCodeCamp – issued in 05/2023

- **Data Analysis with Python**

Competencies: Data Analysis, Pandas, Seaborn, Matplotlib

Credential: <https://www.freecodecamp.org/certification/parreirahenrique/data-analysis-with-python-v7>

freeCodeCamp – issued in 05/2023

- **Scientific Computing with Python**

Competencies: Python Fundamentals

Credential: <https://www.freecodecamp.org/certification/parreirahenrique/data-analysis-with-python-v7>

freeCodeCamp – issued in 05/2023

- **Foundational C# with Microsoft**

Competencies: C# Fundamentals, .NET Framework

Credential: <https://www.freecodecamp.org/certification/parreirahenrique/foundational-c-sharp-with-microsoft>

freeCodeCamp – issued in 12/2023