

Pedro Henrique de Almeida Sena

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Goals

To become an expert in Software Development, focusing on DevOps and Artificial Intelligence.

Professional Summary

Automation Technician and Computer Engineering undergraduate with solid experience in computers, programming, and interface development. Full Stack Developer with experience in:

- Web development using Django, JavaScript, and Bootstrap
- Test-Driven Development (TDD) and containerization in Docker
- Data analysis tools: Power BI, Excel, and Pandas library

Notable Contributions:

- Refactoring of the API and unit tests for the PhaSearch project
- Redesign and update of user information forms on the Intelligent Tutor platform, based on Figma prototypes
- Creation of a Power BI report that connects to BW, generating a list of users who left the company but still have active system accounts, achieving a 30% reduction in analysis time compared to the previous method

Professional Experience

IT Intern (Nov 2024 - Present) - SAFRAN Helicopter Engines

- Monitoring all IT activities.
 - Help Desk
 - Infrastructure
 - Development
- Assisting users with the PowerBI tool
 - Creating visuals
 - Error correction
 - ODBC connection
- Member of the Digital Transformation team, responsible for monitoring the implementation of new technologies and providing feedback.
- My most notable contribution was creating a PowerBI report that connects to BW and generates a list of users who left the company but still have active system accounts, achieving a 30% reduction in analysis time compared to the previous method.

Full Stack Developer (Aug 2024 – Present) - FuzzyLab

- Project: Intelligent Tutor
 - Maintenance and improvements in the Backend following TDD principles.
 - Design updates in the Frontend following Figma prototypes.
 - Languages/tools used:
 - Python;
 - Django;
 - Bootstrap;
 - Figma;
 - Docker.
- Project: PhaSearch
 - Refactoring of the API and unit tests;

- Languages/tools used:
 - Python; Django;
 - Django REST;
 - Postman.

Administrative Assistant (Mar 2014 – Present) - Mecabras Mecânica Eireli

- Customer service.
- Issuance of invoices and bills.
- Organization of fiscal documents.

Volunteer Work

Event Assistant (Aug 2024 – Aug 2024) - Rio Innovation Week

- Provided support to the public, giving information about the event.
- Supported the event's technical team, assisting in the organization of environments.
- Welcomed the public at the 'Gio Futurível' stand, where the public could immerse in virtual reality and learn more about the singer Gilberto Gil and showcase "a new world," an idea proposed by the song 'Futurível.'

Academic Background

- Bachelor in Computer Engineering (Oct 2023 - Dec 2027) - Universidade Veiga de Almeida, Rio de Janeiro, RJ
- Technician in Industrial Automation (Mar 2018 - Dec 2019) - Serviço Nacional de Aprendizagem Industrial, Duque de Caxias, RJ
- Industrial Electrician (Aug 2020 - Jun 2021) - Serviço Nacional de Aprendizagem Industrial, Duque de Caxias, RJ

Additional Courses

- [Learn to Program in Python with Object Orientation - Alura](#)
- [Introduction to Computer Science with Python - USP/Coursera](#)

Skills and Knowledges

- Programming: Python, Java, JavaScript, Node.js.
- Frameworks/Libraries: Django, Django REST, Pandas.
- Frontend: HTML, CSS, Bootstrap.
- Tools: Power BI, Docker, Figma, Git/Github, NotebookLM, ChatGPT, Postman.
- Methodologies: TDD, Kanban, Clean Code.
- Languages: English (advanced).