

# Gustavo Henrique Oliveira Dias

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## Profile and Professional Objective

As a Computer Science student at UFABC, I am seeking opportunities to expand my experience in back-end development and apply my technical knowledge in corporate environments. In software development, I maintain an active portfolio of applications and open-source projects on GitHub, where I demonstrate my ability to solve complex problems through efficient algorithms and code.

## Skills and Competencies

- **Languages:** Python, HTML, CSS, JavaScript (React).
- **Frameworks:** Flask & PySide6
- **Databases:** MySQL e SQL
- **Microsoft:** Power BI, Power Automate.
- **DevOps:** AWS

## Academic Background

**Bachelor's in computer science, May 2023 - July 2027 (UFABC)**

**Technical Degree in Analysis and Systems Development, January 2020 – December 2022 (ETEC)**

## Professional Experience

**IT Intern:** November 2024 - Present

**ITW Delfast from Brasil**

- Developed applications on the PowerApps platform, optimizing internal processes and automating workflows.
- Provided on-site and remote technical support to users across different departments. Created task automations with Power Automate, reducing request completion time by 20% and contributing to the operational efficiency of various teams.
- Designed and conducted IT training sessions to empower employees in the use of new technologies.

**IT Young Apprentice:** August 2023 – October 2024

**ITW Delfast from Brasil**

- Administered SharePoint sites and libraries, focusing on permissions control to ensure corporate file security.
- Performed corrective and preventive hardware and software maintenance on computers and mobile devices, ensuring maximum equipment performance for the team.
- Provided technical support to users in on-site and remote settings for hardware, software, and network incidents, ensuring continuous employee productivity.

## Languages

- Fluent English (C1 Level) - Michigan University Certification (MET)
- Fluent Portuguese (C2 Level) – Native Language

## Certifications

- AWS Cloud Practitioner – AWS
- Python 3: From Basic to Advanced - Udemy
- Python and Software Engineering Certifications - Hackerrank
- Complementary Training in Python and Power BI - Senai
- Scientific Computing with Python - freeCodeCamp
- Agile Management with Scrum – Udemy

## Relevant Projects

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### FinanceAPI (<https://github.com/GustavoDiaso/FinanceAPI>)

- **Description:** A RESTful API developed to deepen my knowledge in API construction, documentation, and optimization. It consolidates and simplifies data from external APIs (Frankfurter API and Brapi API) for fast delivery.
- **Tecnologies used:** Python, Flask, Swagger (Flasgger), and a caching system (for performance).
- **Features**
  - **Currency Conversion:** Endpoint to query exchange rates for specific dates or intervals.
  - **B3 Stock Analysis:** Obtain quotes and detailed information on stocks traded on the Brazilian stock exchange.
  - **Performance Optimization:** Implemented a cache system that significantly reduced response latency.
- **Documentation:** All endpoints were documented using Swagger (Flasgger) to facilitate integration and consumption by third parties.