

GABRIEL DA SILVA PORTEIRO

Location

Cookeville, Tennessee

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Phone

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LinkedIn

linkeind.com/in/gabriel-porteiro

GitHub

github.com/GportDev

Portfolio

www.gportdev.com

Education

Tennessee Technological University (GPA: 3.77)

B.S. in Computer Science with a minor in Mathematics – Honors Program.

Cookeville, Tennessee

Expected: May 2026

Scholarships: Honors Academic Scholarship | Engineering Council Scholarship | Multicultural Enhancement Scholarship.

Professional experience

Research Assistant

Tennessee Technological University | Next generation of Internet and Network (NGIN)

Cookeville, Tennessee

Jan 2024 – Current

- Improved the developer experience by refactoring all the **Python** repositories to match **PEP8** standards.
- **Doubled fetch performance** by remodeling queries to the **SQLite** database.
- Reduced deployment time by 60% using GitHub actions **CI/CD workflows**.

Sphera Academy

Co-Founder | Full-stack Developer

Brazil

May 2023 – Mar 2024

- Led the design and implementation of the project's technical architecture, choosing the technology stack and design to meet business requirements while staying within a tight, aggressive budget.
- Developed a custom e-learning platform from end-to-end with **NextJS**, **NodeJS**, **Tailwind CSS** and **Vercel** in 6 months.
- Created a custom CMS that efficiently managed and **served over 5,000 data entries** using **Strapi** and **PostgreSQL**.
- Set up a secured payroll for more than 135 currencies using **Stripe API**.

DM - Financial Data Processing

Full-stack Software Engineer I

Brazil

Jan 2022 – Aug 2023

- Created a two-year Individual Development Plan for the new interns, aiming for full-stack and business skills, like system design, introduction to finance topics, clean code, design patterns, and communications skills.
- Developed the front end for a **buy-now-pay-later** using **React**, **Typescript**, and **Go** for **over 2,000 users** across 60 companies.
- Worked in a team to develop and deploy a **cross-platform app** in **one sprint** using **Flutter**.
- Implemented a system that **reduced 80% of the client's onboarding time**.

Brazilian Air Force Academy

Military Pilot – T-25 Universal

Brazil

Jan 2016 – Jul 2021

- Learned how to multi-task effectively under **high pressure** with exceptional records, aching 85% of the missions.
- Military discipline and **leadership accolade** for five years.
- Finished pilot training in the **top ten of the squadron**.

Leadership & Extracurriculars

Tennessee Tech University

Global Ambassador for International Students

Cookeville, Tennessee

Feb 2024 – Current

International Representative at University Strategic Plan Group

Jan 2024 – Current

Honors program "Big-sib" mentor

May 2024 – Current

Generation Google Scholarship

- One of the 50 chosen students among two thousand applicants in 2024.

CSD® - Certified Scrum Developer (Scrum Alliance)

Feb 2023

Languages: Portuguese and English