

Guilherme Fulco

+1 (786) 531 – 2569 | gfulco4@gmail.com | Miami, FL, 33160

Professional Summary

IT student specializing in backend infrastructure, pursuing industry certifications such as CompTIA A+, AWS Cloud Practitioner, and Microsoft Azure Administrator. Proficient in Python, Go, SQL and more for the backend and HTML, CSS and JavaScript for the frontend. With hands-on experience in cloud computing and networking. Committed to applying technical expertise to entry-level IT roles.

Experiences

Sports.Excitement *Full-Stack Developer Intern | November 2024 – Present*

- Developed and maintained the company's website, focusing on both backend and frontend functionalities, ensuring a seamless user experience.
- Utilized Go and JavaScript to build efficient and scalable backend logic and PostgreSQL for robust database management, including schema design and query optimization.
- Designed and implemented dynamic, user-friendly frontend features using JavaScript, HTML, and CSS to enhance website engagement.
- Strengthened the website's security by implementing secure coding practices, mitigating vulnerabilities, and collaborating on access control policies.
- Gained comprehensive experience in full-stack development, contributing to both technical excellence and project success.

Wright's Resumes and Connections *Website Developer Intern | August 2024 – January 2025*

- Assisted in enhancing the website's security by implementing secure coding practices and addressing vulnerabilities.
- Collaborated with the team to improve website performance, ensuring scalability, reliability, and safety.
- Gained hands-on experience in full-stack development while adhering to best coding practices.

Education

Florida International University *Bachelor's in IT | 2022 – 2026*

- On the Dean's List
- With a Cum GPA of 3.7

The Academy of South Florida *Miami, FL | 2024 – Present*

- CompTIA A+ / Network + Essentials
- AWS Cloud Practitioner
- Microsoft Azure Administrator Associate
- Cisco CCNA Certification Program

Skills

- **Programming:** Python, Go, C++, Java, HTML, CSS, Javascript, React
- **Cloud Technologies:** AWS Cloud, Microsoft Azure
- **Networking:** CompTIA A+ and Network+ concepts, secure network configuration
- **DevOps Tools:** Docker, Git, GitHub, GitLab
- **Other Tools:** Linux, Microsoft Office Suite (Excel, PowerPoint), UX design basics

Certification

- CompTIA A+ (in progress)
- CompTIA Network+ (in progress)
- Amazon AWS Cloud Practitioner (in progress)
- Microsoft Azure Administrator Associate (in progress)
- Python PCEP (Udemy)
- Docker for beginners (Udemy)
- UX Foundations (LinkedIn)

Coursework

Relevant Coursework

- **Backend Development:** Advanced Databases, API Development, and Optimization
- **Web Development:** Responsive Frontend Design, Full-Stack Web Development
- **Networking:** Network Security, Cloud Infrastructure, and Secure Network Design
- **Cloud Computing:** Cloud Architecture with AWS and Microsoft Azure

Projects

Portfolio Website | *Personal Project*

- Developed a professional portfolio website showcasing personal projects, certifications, and skills.
- Implemented a dynamic frontend using **React** with a responsive design for mobile compatibility.

Raspberry Pi Home Server | *Personal Project*

- Set up and configured a personal home server using a **Raspberry Pi**, enabling file storage, media streaming, and remote access.
- Secured the server with **firewall rules**, SSH authentication, and automatic updates.
- Gained hands-on experience with system administration, networking, and self-hosting applications.

Full-Stack Application with Rust and Docker

- Built a full-stack web application with a simple, user-friendly UI and a robust backend API.
- Developed the backend using **Rust**, focusing on performance, safety, and scalability.
- Designed RESTful APIs to handle user interactions and integrate with the database.
- Containerized the entire application using **Docker** for seamless deployment and scalability.

- Utilized Docker Compose to orchestrate multi-container setups for the backend, database, and other services.

Grocery Store Management System

- Developed a full-stack web application for managing a grocery store's inventory, customer orders.
- Used **Python** to create a robust backend with RESTful APIs for inventory and order management.
- Managed data using **MySQL**, including designing relational schemas and optimizing queries.
- Built a dynamic and user-friendly frontend using **HTML, CSS, and JavaScript**.

Todo/Task manager Application

- Designed and developed a task management application to help users organize and track their tasks efficiently.
- Built the frontend using **React**, ensuring a responsive and interactive user interface.
- Utilized **Firestore** as the database for real-time data synchronization and seamless user experience.

Team Project: RESTful API Development in Go

- Wrote a **RESTful API** in **Go** to handle core application functionalities, including user authentication, data management, and communication between microservices.
- Ensured high performance by optimizing API routes and database queries.

Network Troubleshooting Project | *The Academy* | *CompTIA A+/Network+ Concepts*

- Diagnosed and resolved connectivity issues in simulated environment.
- Configured secure networks and optimized troubleshooting procedures.

AWS Cloud Deployment Project | *The Academy* | *AWS Cloud Practitioner Coursework*

- Designed and implemented scalable cloud solutions for hypothetical business use.
- Gained experience with cost-efficient architecture design and deployment strategies.

Microsoft Azure Administration Project | *The Academy* | *Azure Fundamentals*

- Configured virtual machines and implemented network security policies in lab settings.