Victor Fragoso

Software engineer specialized in IoT, embedded systems, and connectivity technologies

São Paulo, Brazil +55 (11) 9 7079 1572 victor@frago.so https://portfolio.frago.so

Experience

Fibocom   Jan 2022 - Present
Field Application Engineer   Brazil - Remote
https://www.fibocom.com/

- Providing technical support for software and hardware development of products using 4G and 5G modules, programming in C/C++ and Python.
- Leads community initiatives and documentation efforts, contributing to the Linux Kernel, creating technical content, and collaborating with global teams.

Everbyte   Oct 2018 - Present
Founder & Principal Consultant   São Paulo, Brazil
https://everbyte.com.br/

- Consulting services in software and hardware development, system architecture, and cloud integration, guiding clients from concept to deployment.

City of Santo André   Feb 2021 - Jan 2022
Innovation and Technology Consultant   Santo André, SP, Brazil
https://web.santoandre.sp.gov.br/

- Led digital transformation projects for Santo André city government, improving public service systems, website accessibility, and citywide fiber-optic connectivity.
- Migrated applications to microservices, managed Kubernetes and OracleDB, deployed a LoRa IoT network, and supported the COVID-19 vaccination system.

SIMCom   Jan 2019 - Dec 2019
Field Application Engineer   Brazil - Remote
https://www.simcom.com/

- Provided technical support for IoT product development using C/C++, Python, and SIMCom modules, focusing on 2G–5G, LPWAN, and GNSS, ensuring compliance with ANATEL and Brazilian mobile carriers.
- Led community engagement, managing SIMCom's Hackster.io hub, creating technical content, and assisting customers with connectivity solutions and embedded development.

Liceu Tech   Oct 2018 - Jun 2019
Internet of Things Instructor   São Paulo, Brazil
https://www.liceutech.com.br/

- Taught IoT concepts and hands-on applications at Liceu Tech, using ST Microcontrollers, cloud platforms (AWS, IBM Bluemix), and programming (Linux, C++, JavaScript) to train professionals.

Avnet   Feb 2016 - Jan 2019
Field Applications Technician & Application Engineer Trainee   São Paulo, Brazil
https://www.avnet.com/

- Provided technical support to Brazilian clients developing IoT products, programming in C/C++, Python, and JavaScript, and integrating connectivity solutions like Bluetooth, LPWAN, and WiFi.
- Developed application demos, authored technical documentation, and conducted hands-on training while supporting regulatory compliance, hardware qualification, and AI edge solutions.

Campus Party   Jan 2015 - Jan 2018
Communities Collaborator   São Paulo, Brazil
https://brasil.campus-party.org/

- Organized and managed technical contents for Campus Party Brasil, a major technology and innovation festival, coordinating with speakers, startups, and tech communities to ensure smooth operations and collaboration.

Profiles

- portfolio.frago.so
- github.com/victorffs
- linkedin.com/in/victorffs
- hackster.io/victorffs

Skills

Programming
● ● ● ● ●
C/C++, Python, JavaScript, HTML/CSS, Bash, Markdown, Git, GitHub, SQL, NoSQL, FreeRTOS, ThreadX, NodeRed

Infrastructure
● ● ● ● ●
Docker, Kubernetes, Rancher, Grafana, Proxmox, AWS, Google Cloud, Linux, Serverless

Others
● ● ● ● ●
Agile, Scrum, Kanban, Hardware Design, 3D CAD, Tech Communities, Technical Writer, Linux User, OpenSource Contributor, Communication Skills, Speaker

Education

University of São Caetano do Sul (USCS)
Bachelor in Systems Analysis and Development, Jan. 2020 – Dec. 2020

Federal University of ABC (UFABC)
Bachelor in Computer Science, Jun. 2015 – Jan 2020
Bachelor in Science and Technology, Jun 2014 - Jan 2020

Languages

Portuguese - Native

English - Advanced

Spanish - Advanced

Projects

Please visit my portfolio to explore projects I've worked on:
https://portfolio.frago.so/