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

Layers
Product Manager
Sep 2025 - Nov 2025
São Caetano do Sul, SP, Brazil
https://layers.education/

Product Manager at Layers Education, an brazilian technology startup focused builds integrations with edtechs and schools.
Responsible for new integrations and technical support with partners from Developer Hub.

Fibocom
Field Application Engineer
Jan 2022 - Aug 2025
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
Founder & Principal Consultant
Oct 2018 - Present
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
Innovation and Technology Consultant
Feb 2021 - Jan 2022
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
Field Application Engineer
Jan 2019 - Dec 2019
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
Internet of Things Instructor
Oct 2018 - Jun 2019
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
Field Applications Technician & Application Engineer Trainee
Feb 2016 - Jan 2019
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.

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/