Victor Fragoso

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Field Application Engineer | Tech Evangelist
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PERSONAL STATEMENT

I am a young and experienced Field Application Engineer with a strong interest in open innovation and active participation in technology communities. Active in the technology market since 2015, I have worked for companies developing software and hardware solutions for IoT, smart cities, and industrial applications.

My path in the technology industry is marked by solid knowledge in Linux, programming, embedded systems, and infrastructure, contributing to projects that require not only technical competence but also an innovative approach to real-world challenges.

Beyond my technical abilities, I distinguish myself with my communication skills, demystifying complex technologies for a diverse audience. This talent makes me a valued speaker and technology evangelist within the communities.

I aim to impact the world through the use of technology, leveraging my expertise and passion to drive meaningful change and innovation.

TECHNICAL SKILLS

Coding

- C/C++, JavaScript, Python, Linux Bash, Github
- FreeRTOS, ThreadX, AT Commands, ARM Based SoC, Embedded Linux
- SQL, NoSQL, HTML, Markdown, Docusaurus
- Jupyter Notebook, NodeRed, OpenCV, LangChain, TensorFlow

Infrastructure

- Docker, Kubernetes, Rancher, Grafana, Proxmox, Serverless Platforms
- AWS Platform (EC2, S3, Route 53, Lambda, AWS IoT and more)
- Google Kubernetes Engine

Others

- Kanban, Agile and Scrum
- Hardware Development (KiCAD) and 3D modelling (FreeCAD, Sketchup)
- Technical Writer and Community Hub Admin (Hackster.io and Fibocom's Infocenter)
- OpenSource Contributor (Linux Kernel, FreeCAD)

PERSONAL SKILLS

- Engagement in technology communities and events
- Communication skills, experience as speaker and giving workshops
- Dedicated, well-organized and self-starter
- Leadership and mentor skills
- Fluent in Portuguese, English and Spanish;

CERTIFICATES

- AWS Solutions Trainings for Partners: Foundations – Technical
- AWS Internet of Things Foundation Series
- AWS Business Professional
- AWS Communicating with Chat Bots
- Deep Learning and NLP A-Z™ - Udemy

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

EMPLOYMENT

Field Application Engineer
Fibocom Wireless – fibocom.com – International (Remote from SP, Brazil)
Jan. 2022 – now

I've been working with customers, brazilian carriers and Anatel to develop new embedded projects using the 4G and 5G connectivity. My advantage was help customers giving not just the hardware solution, but using my software skills to unlock the potential of Embedded Linux system inside Qualcomm's Chipset providing an robust and low-cost solution.
I have dedicated myself to write technical application notes and customized embedded software using C/C++, Python and JavaScript. This work directly enhanced customer products by significantly reducing their time-to-market.
Currently I am responsible for new community initiatives to promote Fibocom's products through Hackster's hub, Information Center, Webinars, events and commiting new drivers to Linux Kernel.

Innovation and Technology Advisor
Santo Andre City Hall – santoandre.sp.gov.br – Santo Andre, SP, Brazil.
Feb. 2021 – Jan. 2022

My work at Santo André City Hall was centered in creating and implementing technological solutions designed to enhance city administration and significantly improve citizen life. Some of my key initiatives were the deployment of an IoT LoRa Network and the establishment of a Kubernetes infrastructure, alongside to port some in-production applications to work as microservices. Additionally, I played a crucial role in the technological support for the COVID-19 vaccination system, contributing to a more efficient and effective public health response.

CEO and Developer
Everbyte Innovation and Technology – everbyte.com.br – SP, Brazil.
Out. 2018 – Feb. 2021

Embedded systems developer and leader of a team, Everbyte is a company focused in development and consulting for Internet of Things projects which includes software development, opensource hardware design and integration of IoT devices to cloud. Everbyte is an official Amazon Web Services Partner.

PAST EXPERIENCE

Field Application Engineer
SIMCom Wireless Solutions – en.simcom.com – International (Remote SP, Brazil)
Jan. 2019 – Dez. 2019

Internet of Things Instructor
Liceu Tech - liceutech.com.br – São Paulo, SP, Brazil.
Out. 2018 – Jun. 2019

Application Engineer Trainee / Technical Sales Rep
Avnet - avnet.com – São Paulo, SP, Brazil.
Feb. 2016 – Jan. 2019.

Communities Collaborator
Campus Party Brasil - brasil.campus-party.org – São Paulo, SP, Brazil.
Jan. 2015 – Jan. 2018.

VOLUNTEERING

- Technical Committee – **The Developers Conference**
Contributing to decision-making processes that define Brazil's largest developer event, ensuring it offers relevant and innovative content for the community.

- Content Curator – **Campus Party**
Collaborating with the Content Team to select the best and most interesting lectures, workshops and activities.

- Co-Founder and Collaborator – **WikiLab**
Makerspace inside an WikiHouse at Federal University of ABC, builded using crowdfunding and the help from technologies communities.

- Collaborator - **ABC Makerspace**
Makerspace founded at Santo Andre to promote the development of technologies and the social networking between professionals, teachers and students

- Coordinator – **FLISOL Ubatuba / FLISOL Santo André**
Responsible to bring the first edition of the Latin American Free Software Festival to Ubatuba (at 2014) and Santo André (at 2018).