Müller Fernandes da Silva

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SUMMARY

Solution Architect with 12+ years in telecommunications and IoT, specialized in designing scalable solutions that generated $2M+ in annual revenue. Led cross-functional teams and transformed legacy 2G/3G/4G networks into cloud-native IoT platforms serving 50,000+ connected devices.

PROFESSIONAL EXPERIENCE

Technology Consultant & Solution Architect   *Jan 2023 – Present*

ALGAR TELECOM | Uberlândia, Brasil

- Architected and deployed scalable IoT/M2M solutions generating $2M+ annual revenue across 15+ enterprise clients
- Led cross-functional product development team of 8 members (Marketing, Customer Success, Engineering)
- Designed strategic IoT product roadmap and managed $1M annual budget, achieving 90% goal completion rate
- Implemented Agile methodologies and Design Thinking frameworks

Product Owner & IoT Specialist   *Mar 2019 – Dec 2022*

ALGAR TELECOM | Uberlândia, Brasil

- Managed IoT product portfolio serving 3M+ connected devices with 99% uptime
- Developed IoT data visualization portal
- Designed high-performance IoT applications architecture supporting 20M+ events per day
- Implemented core network infrastructure (2G/3G/4G) enabling nationwide IoT connectivity

Mobile Network Engineer   *Aug 2012 – Feb 2019*

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- Deployed core mobile network elements (GGSN/PGW, MME/SGSN, HLR/HSS) serving 1M+ subscribers
- Implemented critical network services (OCS, EIR, SMS)
- Operated core mobile and fixed networks ensuring service availability
- Developed automation scripts replacing proprietary systems

EDUCATION

MBA in Solution Architecture   *2022*

FIAP | São Paulo, Brasil

Bachelor of Electrical Engineering   *2014*

Universidade Federal de Uberlândia | Uberlândia, Brasil

SKILLS

Cloud & Infrastructure
AWS (EC2, S3, Lambda, RDS), Azure, Docker, Kubernetes, Ansible, Microservices, REST APIs, Event-Driven Architecture

Frameworks & Tools
React.js, Django, Node.js, Apache Kafka, MongoDB, PostgreSQL

Programming Languages
Python, Java, JavaScript, SQL, C/C++, Go

Telecommunications
2G/3G/4G/5G Core Networks, IoT/M2M, SIP, Diameter, SS7,

Product Management
Agile, PMO, Data Analysis, Design Thinking, TOGAF

CERTIFICATIONS

- LPIC-1 Linux Professional Institute (2020)
- ITIL Foundation Certificate (2012)
- AWS Solutions Architect Associate (In Progress)
- Azure Fundamentals AZ-900 (Planned 2025)