Francisco Ricardo Andraschko

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IT (DATA SCIENCE | SOFTWARE DEVELOPER) | ELECTRICAL ENGINEER | INDUSTRIAL OPERATIONS

Results-driven engineer with a robust background in data processing, quality assurance, and process improvement. Extensive experience in data analysis, electrical testing, and software development, focusing on optimizing workflows and ensuring data quality. Skilled in Lean Six Sigma methodologies to drive continuous improvement and operational efficiency. Proven ability to develop custom software solutions, support IT infrastructure, and lead technical teams in academic and industrial environments. Passionate about leveraging analytical skills to enhance data-driven decision-making and support business objectives.

WORK EXPERIENCE

Freelancer in IT Projects and Technical Support   **London, ON, CA | 06/2024 - Present**
- Developed custom software solutions, including inventory management systems and concierge control for residential buildings using ASP.NET Core and SQL Server.
- Provided technical consulting and IT infrastructure repairs, assisting clients with server implementation, optimization, and maintenance.
- Gained experience in client communication and project management, consistently delivering solutions that met client needs.

ADDC-Labs Technology – Software Developer (Intern)   **Montreal, QC, CA | 05/2024 - 06/2024**
- Developed mobile module applications using Flutter and Dart, delivering efficient solutions for multiple platforms.
- Managed projects using ClickUp, ensuring timely delivery and effective team collaboration.
- Contributed to code quality through GitHub collaboration, focusing on code reviews and pull requests.

TL ENERGIA   **Goiania, GO, BR | 11/2019 - 05/2024**
Electrical Quality Engineer – 08/2022 – 05/2024 (Remote)
- Performed remote quality inspections and testing of transformer components, ensuring compliance with IEC and ABNT standards.
- Implemented corrective actions and process improvements using Lean Six Sigma, reducing costs and waste.
- Analyzed production data and collaborated with engineering teams to enhance product quality and operational efficiency.
- Analyzed production data to identify opportunities for cost reduction and process improvements, contributing to manufacturing optimization and waste minimization.
- Collaborated with engineering teams to optimize processes, improving product quality and operational efficiency.

Electrical Technician – 11/2019 - 07/2022 (Hybrid)
- Conducted quality inspections of components and final products, ensuring compliance with industry standards like IEC and ABNT.
- Performed electrical testing on equipment, including transformers, to support production quality.
- Assisted in implementing corrective actions and supported the engineering team with technical insights.

LABMETRO / Federal University of Goiás (UFG) – Electrical Technician   **Goiania, GO, BR | 06/2017 – 11/2019**
- Developed technical reports and operational manuals to support laboratory procedures.
- Conducted data analysis of test results to identify trends and support quality improvement initiatives.
- Provided support and gathered data for academic research in transformers and electric motors for the Master's program in Electrical Engineering at UFG.
- Performed electrical testing on transformers, including winding resistance measurement, turns ratio evaluation, and loss analysis.
- Managed logistics and compliance for transformer testing, ensuring adherence to ABNT and CELG standards.

ALFA University – Higher Education Professor   **Goiania, GO, BR | 02/2016 - 06/2017**
- Taught courses in Business Administration, Production Engineering, and Computer Engineering
  - Subjects: Compilers, Quality Management, IT Management, and Introduction to Engineering.

UNORP – Higher Education Professor   **S.J. Rio Preto, SP, BR | 06/2015- 12/2015**
- Taught courses in Computer Engineering and Computer Science.
  - Subjects taught: Information Systems, IT Project Management, IT Management, and Programming Logic.

Rodobens Group – IT Infrastructure Specialist   S.J. Rio Preto, SP, BR | 02/2015 - 02/2016
- Managed data center operations with over 300 physical and virtual servers, ensuring efficient maintenance.
- Provided advanced technical support (Level 3), troubleshooting issues to ensure system reliability.
- Led IT projects focused on server infrastructure implementation, optimization, and upgrades.

Santana Têxtil Mato Grosso – IT Support Technical Coordinator   Rondonópolis, MT, BR | 02/2008 - 11/2014
- Led IT teams and managed IT projects, following ITIL and COBIT best practices.
- Administered IT infrastructure, including cabling, servers, security systems, and network security (Fortinet, VPN, firewall).
- Provided Level 1 and 2 support, implemented ERP systems, and supported industrial automation systems.

EDUCATION

- **AEC IT Programmer – Analyst** – LaSalle College, Montreal, QC, Canada | 2022 – 2024
- **Electrical Engineering** – UNINTER, PR – Brazil | 2017 – 2022
- **MBA in Project Management** – Unica University, MG – Brazil | 2019 – 2022
- **Specialization in Occupational Safety Engineering** – UNIMAIS, SP – Brazil | 2021- 2022
- **Specialization in Production Engineering** – UNINTER, PR – Brazil | 2014 – 2016
- **Software Engineering** – State University of Ponta Grossa, PR – Brazil | 2011

CERTIFICATION

- **IBM Data Science Professional**
- **Food Handler Certificate (2024-2029)**
- **WHMIS for Workers (CCOHS)**
- **Forklift Certification**
- **Maintenance Planner & Analyst Training** (2020, updated 2024)
- **Quality-Centered Maintenance**
- **Microsoft Certified Solutions Expert (MCSE)** (2013 - 2020): MCITP Enterprise Admin, MCITP Server Admin, MCITP Desktop Support Technician, MCITP Enterprise Support Technician
- **Google IT Support**
- **Lean Six Sigma Black Belt**
- **Internal Auditor ISO 9001: 2008**
- **Lean Six-Sigma Green Belt**

LANGUAGES

- English: Full Professional Proficiency
- Portuguese: Native
- French: Elementary Proficiency
- Spanish: Elementary Proficiency