IGOR FARIA

Software Engineer | Backend Development & Systems Integration

São Paulo, Brazil | igor__faria_@outlook.com | Open to international relocation

PROFILE

Computer engineer and consultant with experience in Python backend development, REST APIs, systems integration, and process automation. Develops data pipelines and business-rule processing using SQL, PySpark, and Databricks. Background in asynchronous C# services, RPA, and Linux infrastructure, with experience delivering technology projects for financial services clients.

TECHNICAL SKILLS

Backend: Python, C#, JavaScript / Node.js, REST APIs, asynchronous services, systems integration

Data & platforms: SQL, PySpark, Databricks, AWS, Linux, Power BI, dimensional modeling

Automation: UiPath, Power Automate, Blue Prism, Automation Anywhere | **Additional:** Java, C/C++, PL/SQL, VBA

PROFESSIONAL EXPERIENCE

Management Solutions | Software Engineer / Consultant | Sep 2024 - Present

- Develop backend services with Python, Node.js, and C#, including REST APIs and integrations with internal platforms, ERP, and CRM systems.
- Build data pipelines in Databricks and PySpark, implementing business rules, validation, and reconciliation logic for large datasets.
- Develop internal automation tools to streamline operational workflows and reduce repetitive manual work.
- Support production systems through monitoring, logging, and incident troubleshooting; contribute to projects for Bradesco, Santander, and XP.

SPI Integradora | Technology Intern | 2022 - 2023

- Developed RPA solutions for operational and financial processes and built asynchronous backend services in C#.
- Contributed to business intelligence, data modeling, and systems integration projects, as well as virtual reality modeling and visualization.

TIM | IT Apprentice | 2020 - 2022

- Supported server infrastructure, Linux environments, network connectivity, monitoring, and troubleshooting.
- Developed Python scripts for operational automation and assisted with hardware and network maintenance.

SELECTED ACADEMIC PROJECT

Radar Image Analysis for Wildfire Detection | Undergraduate Capstone

- Developed an AI system for radar image analysis, combining image-processing pipelines and machine learning classification models for wildfire detection.
- Built visualization tools to support environmental monitoring and analysis.

EDUCATION & CREDENTIALS

Bachelor's Degree in Computer Engineering | Completed Dec 2024

AWS Certified Cloud Practitioner | 2025

Databricks: Fundamentals and Lakehouse Platform - foundational credentials

LANGUAGES

Portuguese: Native | English: Advanced | Spanish: Intermediate