

João Antonio Simão Neto

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EDUCATION

Instituto Federal de São Paulo | Federal Institute of São Paulo

Technology in Systems Analysis and Development

January - 20202 - December 2022

Universidade Federal de Uberlândia | Federal University of Uberlândia

Master's Degree in Computer Science (1 year completed)

August 2024 - June 2025

PROFESSIONAL EXPERIENCE & PROJECTS

IBM Brazil

Mid-Level Developer - Banco do Brasil

September 2021 - Present (4 years)

August 2023 - Present

- Development and maintenance of microservices using NodeJS and TypeScript for internal banking systems and customer-facing applications, supporting critical banking operations processing thousands of daily transactions.
- Troubleshooting and issue resolution in Kubernetes environments (OpenShift, Rancher) with kubectl, resolving critical production issues within SLA.
- Source code troubleshooting of issues in Cloud applications written in Java (Quarkus) and NodeJS.
- Creation of automation solutions in NodeJS for operational processes, optimizing team workflows, reducing workload and decreasing computational costs in values and demand.
- Acting as SRE/DevOps team member ensuring high availability of banking applications.
- Application of Agile/Scrum methodologies working with cross-functional teams and mentoring junior developers on best practices.
- Training bot (A.I.) for issue resolution.
- Architecture and development of solutions in NodeJS and TypeScript (Express and Fastify) for rapid problem resolution, ensuring high availability of mission-critical internal banking systems across namespaces.

IBM Brazil

SAP Developer. - Saint-Gobain - Migration Project

September 2021 - Present

July 2022 - August 2023

- Worked with migration and rewriting of SAP ABAP programs from ECC to S/4HANA, completing the project within an established timeline.
- Development of new functionalities using the BOPF framework, improving system performance and stability.
- Resolution of complex technical issues and implementation of optimized solutions, increasing system stability.
- Collaboration with international teams using Agile methodology throughout the development cycle, facilitating knowledge transfer across different time zones.

IBM Brazil

Intern Development - SAP Project -/ VolksWagen

September 2021 - Present

September 2021 - June 2022

- Development of SAP ABAP solutions for corporate systems, supporting production environment with 1,000+ daily users.
- Collaboration in pair programming sessions to resolve system issues, maintaining high availability within SLA.
- Support for critical production systems during business hours, ensuring minimal downtime.

TECHNICAL EXPERTISE

- **Languages:** English (Fluent), Portuguese (Native)
- **Tools and Technologies:** NodeJS, TypeScript, JavaScript, Java (Quarkus), Docker, Kubernetes, OpenShift, Rancher, Jenkins, ArgoCD, GitLab, GitHub, CI/CD, AWS, Kubectl, SonarQube, Grafana, GIT, Figma, Miro
- **Focus on:** Microservices Architecture, SRE, System Troubleshooting, Process Automation and Web Programming.

CERTIFICATIONS, ACHIEVEMENTS & ARTICLES

- *AWS Cloud Practitioner*
- *IBM Technical Certifications: WatsonX, Scrum, Problem Solving, Docker Essentials, Design Thinking, etc*
- *Article:* Application of *Machine Unlearning* for Adaptation and Compliance of Intrusion Detection Systems (David Arantes, Henrique Moreira and João Antonio Simão Neto - FACOM - Federal University of Uberlândia - BRAZIL)