Túlio Ribeiro dos Anjos

Senior Full-Stack Engineer · Campo Grande, Brazil (Remote)
+55 67 9 9266 0804 · mail@tulio.org · tulio.org · linkedin.com/in/tulioanjos
English (Professional B2) · Portuguese (Native)

SKILLS

Backend: .NET 8, C#, Entity Framework, REST/GraphQL APIs, Spring Boot, Java
Frontend: Angular 17, TypeScript, Astro, React.js
Data & Cloud: SQL Server, PostgreSQL, MongoDB, Redis · AWS (Lambda, S3, SQS, SNS) · Azure (Event Hubs, Pipelines)

EXPERIENCE

BairesDev — *Full-Stack Engineer (.NET/Angular)*
Jun 2022 – Present · Remote

Fleet Management Analytics (Feb 2025 – Present)
Built shift management UI module (Angular 17) allowing fleet managers to assign drivers to routes. Developed .NET background service that queries BigQuery (50M+ vehicle signals daily), computing driver metrics—distance, fuel consumption, speed, safety scores—when shifts complete.

Shopify E-commerce Integration (Jan 2023 – Jan 2025)
Sole engineer implementing bidirectional sync service (.NET) for failing sales platform. Navigated Shopify's GraphQL API across version changes with inconsistent documentation, syncing thousands of SKUs per retailer with API throttling mitigation via data diffing and retry logic. Built webhook-based event handling via AWS Lambda for orders/inventory, implemented SQS batching for real-time inventory updates without API bottlenecks. Onboarded 50+ retailers during beta, processed 400+ orders over 8 months with no reconciliation issues.

Built image processing library with collage generation (SkiaSharp) and AWS Lambda service (.NET 8) for real-time image composition. Added dynamic product previews with sub-second response times, improving conversions. Stored processed images in S3.

Designed CSV reporting system using JSON schema to handle different formats from multiple payment platforms. Integrated CSVHelper with validation and parsing logic. Provided structured financial reports meeting FTC compliance.

Legacy Java Modernization (Jun 2022 – Jan 2023)
Refactored legacy Java APIs into Spring Boot REST services for B2B privacy compliance platform. Optimized data access with Spring Data JPA and Hibernate, reducing query latency and improving reliability. Added automated testing for API stability, integrated with Slack, Jira, and GitHub for security reviews.

Tech: .NET 8, Angular 17, React.js, Shopify API, SkiaSharp, AWS SQS, AWS Lambda, AWS S3, Azure Event Hubs, BigQuery, PostgreSQL, Spring Boot, Spring Data JPA, Hibernate, Java 11

GEOI2 Tecnologia — *Software Engineer*
Aug 2019 – Jun 2022 · Campo Grande, Brazil

Rebuilt slow legacy JSF application as Angular 13 micro-frontend with Spring Boot backend, improving page load times and user experience. Built Java CLI tool to automate ETL and database provisioning for State Audit Office financial audits. Integrated Pentaho KTR to extract data from Sybase, Firebird, PostgreSQL, and MySQL into MongoDB. Used Gzip compression to reduce data size by 90%, making transfers reliable over 128kbps municipal networks.

Fonte Tecnologia — *Software Engineer*
Aug 2017 – Aug 2019 · Campo Grande, Brazil

Enhanced CompNet's SIGO-CADG SaaS for police/vehicle dispatch. Diagnosed and fixed real-time tracking UI performance bottleneck using Chrome profiler—excessive DOM event handlers (one per table cell). Refactored to single event delegation pattern. Built emergency call reporting module with Knockout.js and .NET.

PSG Tecnologia — *Software Engineer*
Mar 2013 – Aug 2017 · Campo Grande, Brazil

Built state law drafting system using recursive self-referencing tables for document hierarchies (articles, sections, paragraphs). Implemented jQuery-based rich text editor and tree-based multi-year budget program management.

EDUCATION

B.S. Computer Engineering — Uniderp (2013)
Oracle Certified Java SE 11 Developer (2021)