Túlio Ribeiro dos Anjos

Senior Software Engineer
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PROFESSIONAL SUMMARY

Senior Software Engineer with 12+ years of experience architecting distributed systems and high-throughput data pipelines. **Primary focus on the .NET ecosystem (C#)**, with extensive experience refactoring legacy monoliths and optimizing performance (handling 150M+ daily events). **English C2 Proficient (EF SET 79/100)** with a track record of autonomous delivery for US-based product teams.

TECHNICAL SKILLS

- **Core Stack:** C#, .NET 8, ASP.NET Core, Entity Framework, Web API, LINQ.
- **Cloud Services:** AWS (Lambda, SQS, SNS), Azure Event Hubs, Docker.
- **Data & Storage:** SQL Server, PostgreSQL, Redis, Google BigQuery, MongoDB.
- **Resiliency & Patterns:** Polly (Retry/Circuit Breaker), Dependency Injection, CI/CD, Unit Testing.
- **Secondary Skills:** Java (Legacy Migration), TypeScript, Angular 17.

PROFESSIONAL EXPERIENCE

BAIRESDEV | Remote (US-Based Clients)
Senior Software Engineer (Contractor) | Jun 2022 – Nov 2025
Embedded directly within US product teams as a core backend engineer, interfacing daily with Product Directors and QA.

Client: Global Automotive OEM (Telematics Platform)

- **Performance Engineering (60m to 30s):** Took ownership of a failing Aggregation Service. Refactored the logic from single-record processing to **batch processing**, reducing execution time by **99%**.
- **Data Integrity:** Solved a critical data corruption issue (duplicate rollups) by implementing **BigQuery** idempotency features using deterministic IDs.
- **Complex Algorithm Design:** Engineered "Trip Segmentation" logic to attribute driver behavior (safety/fuel scores) to specific individuals during mid-trip driver swaps.
- **Technical Leadership:** Served as the technical anchor for the contractor team; selected to onboard and mentor the incoming **BairesDev Team Lead** and coach developers to stabilize delivery velocity.

Client: Fintech Platform (Retail Integration)

- **Architecture:** Built a bi-directional bridge to sync a **100,000+ SKU catalog** to Shopify. Solved a critical platform limitation (Shopify's 100-variant cap) by architecting a logic layer that automatically split complex items into grouped product listings.
- **Resilience Engineering:** Implemented **Polly** (retries/circuit breakers) to handle aggressive Shopify API rate limits, ensuring 100% delivery of inventory updates during bulk syncs.
- **System Reliability:** Successfully onboarded 50 beta retailers and reconciled 400+ orders during the pilot phase, handling deep object hierarchies across disparate systems.

Client: VC-Backed Privacy SaaS

- **Modernization Initiative:** As part of a dedicated modernization team, executed the migration of a legacy persistence layer to modern RESTful standards. Refactored data access patterns to remove SQL injection vulnerabilities and accelerate frontend integration.

GRUPO IMAGETECH | Campo Grande, Brazil
Senior Software Engineer | Aug 2019 – Jun 2022

Client: State Court of Accounts (TCE-MS)

- **Distributed Data Ingestion:** Engineered a custom CLI tool deployed to 79 remote municipalities to extract financial data over low-bandwidth networks, utilizing GZIP compression to solve connectivity constraints.
- **Frontend Architecture:** Rebuilt the "e-Contas" fiscal submission portal using **Angular**. Architected the solution as a micro-frontend to embed seamlessly into the central government platform.

FONTE TECNOLOGIA | Campo Grande, Brazil
Software Engineer | Aug 2017 – Aug 2019

- **Mission-Critical .NET Systems:** Maintained the **ASP.NET Web API** backend for the Computer-Aided Dispatch (CADG) system. Ensured high availability for the **911-equivalent** emergency response system used by Military Police.
- **Real-Time Tracking:** Delivered operational features for the SIGO platform to track patrol units and incidents in real-time.

PSG TECNOLOGIA | Campo Grande, Brazil
Software Engineer | Mar 2013 – Aug 2017

- **Government Fiscal Systems:** Owned full-stack development of the State Multi-Year Plan module, utilized by the State Secretariat of Finance for 4-year fiscal planning.
- **Complex Data Modeling:** Built a Legislative Drafting Engine using **recursive SQL** to handle deep legal hierarchies (Articles/Paragraphs) and an interactive UI for version diffing.

EDUCATION & CERTIFICATIONS

- **Bachelor of Engineering - Computer Engineering** | Uniderp (2013)
- **Oracle Certified Professional: Java SE 11 Developer** | (2021)
- **English:** EF SET Certificate (C2 Proficient – Score: 79/100)