Túlio Ribeiro dos Anjos

Senior Full-Stack Engineer
Campo Grande, Brazil (Seeking 100% Remote Opportunities)
Phone: +55 67 992 660 804 | **Email:** mail@tulio.org | **Website:** tulio.org | **LinkedIn:** linkedin.com/in/tulioanjos
Languages: English (Professional), Portuguese (Native)
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SUMMARY Senior Full-Stack Engineer with over 10 years of experience architecting scalable .NET backend services and performant Angular UIs. I specialize in building and modernizing data-intensive applications that handle real-time processing and complex API integrations. My focus is on the complete feature lifecycle, from designing high-throughput APIs to building the intuitive frontends that make data actionable.

TECHNICAL SKILLS

- **Backend:** .NET 8, C#, ASP.NET Core, EF Core, Java, Spring Boot
- **Frontend:** Angular, TypeScript, JavaScript, Astro
- **Databases & Caching:** SQL Server, PostgreSQL, BigQuery, MongoDB, Redis
- **Cloud & DevOps:** AWS (Lambda, S3, SQS), Azure Event Hubs, Docker, GitHub Actions

PERSONAL PROJECTS & OPEN SOURCE

- **SchemaShroud: .NET Data Anonymization Experiment** *(Open Source, .NET 8)*: An experimental project exploring data anonymization techniques in .NET 8 using declarative attributes and reflection. *https://github.com/tulior/schema-shroud*
- **Personal Portfolio & Tech Blog** *(Astro, Tailwind CSS)*: Portfolio (https://tulio.org) showcasing skills and discussing tech hiring practices. Achieved **100/100 Google Lighthouse scores** (Performance, Accessibility, SEO). *Focus on high-performance web development & clear communication.*

WORK EXPERIENCE   BairesDev | Jun 2022 – Present
Full-Stack Software Engineer | Remote

As a consultant, I've delivered solutions for multiple clients across different technology stacks, with a primary focus on the .NET and Angular ecosystem.

- **Fuel Consumption Analysis Feature (.NET/Angular):** Built a new module for a fleet management platform to analyze fuel consumption by driver. I developed the .NET 8 APIs to process the data and the Angular 17 frontend to display it, which included a complex grid with multi-select filters. This feature gives clients the data they need to see which drivers are most efficient.
- **Shift Finalization Background Service (.NET):** Created a .NET background service that processes vehicle data from Azure Event Hubs in near real-time. It aggregates trip metrics, finalizes driver shifts, and writes the results to BigQuery. This ensures our analytics dashboards are always working with accurate, up-to-date information.
- **Shopify Integration Service (.NET):** Built a .NET microservice from the ground up to sync product and inventory data with Shopify's API. A key challenge was handling their API rate limits, which I solved using an SQS queue for batching updates. The service successfully onboarded over 50 retailers and processed 400+ orders in the first 8 months.
- **Legacy API Modernization (Java/Spring):** In my initial engagement, I modernized a client's legacy Java APIs into Spring Boot REST services, improving database query performance and integrating the services into their CI/CD pipeline.

Prior Engineering Experience | 2013 – 2022
Software Engineer | *Geoi2, Fonte Tecnologia, PSG Tecnologia*

In foundational roles, I developed and maintained full-stack applications for public safety, state law management, and financial auditing. This period was focused on building core engineering skills, including performance optimization of real-time systems, legacy modernization, and delivering reliable features in .NET and Java environments.

EDUCATION & CERTIFICATIONS

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