

Túlio Ribeiro dos Anjos

Full-Stack .NET & Cloud Developer

Campo Grande, Brazil (Remote Only)

Phone: +55 67 9 9266 0804 | **Email:** mail@tulio.org | **Website:** tulio.org | **LinkedIn:** linkedin.com/in/tulioanjos

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SUMMARY

Building robust backend systems and cloud infrastructure, primarily with .NET and AWS. Focus on efficient code, reliable APIs, and solving complex integration challenges. Proficient in .NET 8, ASP.NET Core, AWS (Lambda, SQS, etc.), and related technologies.

TECHNICAL SKILLS

Cloud & DevOps: AWS (Lambda, S3, SNS, SQS, CloudWatch), Docker, Serverless Architectures

Backend: .NET 8, C#, ASP.NET Core, Web API, Entity Framework

Frontend: Angular, TypeScript, JavaScript, Static Site Generation

Databases: SQL Server, PostgreSQL, MySQL, MongoDB, Redis

E-Commerce & APIs: Shopify API, REST API, GraphQL, OAuth2

Performance & Optimization: Multi-threading, WebSockets, API Throttling, Caching, SEO

Testing & CI/CD: xUnit, NUnit, GitHub Actions, GitLab CI/CD, Azure Pipelines

PERSONAL PROJECTS & OPEN SOURCE

- **SchemaShroud: .NET Data Anonymization Library** (*Open Source, .NET 8*)
 - GDPR-compliant data anonymization for .NET 8, using declarative attributes and reflection.
 - <https://github.com/tulior/schema-shroud> – *Actively maintained.*
 - **Personal Portfolio & Tech Blog** (*Astro, Tailwind CSS*)
 - Portfolio (<https://tulio.org>) showcasing skills and advocating for better tech hiring.
 - Achieved **100/100 Google Lighthouse scores** (Performance, Accessibility, SEO).
 - *High-performance web development & clear communication focus.*
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WORK EXPERIENCE

BairesDev *Full-Stack .NET & Angular Engineer*

Feb 2025 – Present | Remote (Company HQ: São Paulo, São Paulo)

- Developing full-stack components for a transit management platform using .NET 8, Angular, and AWS services like Lambda, SQS, and API Gateway.

.NET Core Engineer

Mar 2023 – Feb 2025 | Remote (Company HQ: Overland Park, Kansas)

- **Shopify Integration:** Built a Shopify integration—library, microservice, and AWS Lambda—to sync thousands of SKUs per retailer with API throttling mitigation (data diffing & retry). During beta, onboarded 50+ retailers, processing 400+ orders over 8 months with no reconciliation issues. Real-time inventory updates were handled asynchronously via SQS, keeping stock levels accurate without API bottlenecks.

- **Collage Generation:** Built an image processing library with collage generation (SkiaSharp) and an 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 Amazon S3.

- **CSV Reporting:** Designed a sales reporting system using JSON schema to handle different CSV formats from multiple payment platforms. Integrated CSVHelper with validation and parsing logic to ensure accuracy. Provided structured financial reports that met FTC compliance requirements.

Java & Spring Engineer

Jun 2022 – Mar 2023 / Remote (Company HQ: San Francisco, California)

- Refactored legacy Java APIs into Spring Boot REST services for a B2B privacy compliance platform. Optimized data access with Spring Data JPA & Hibernate, reducing query latency and improving reliability. Added automated testing to ensure API stability and integrated with Slack, Jira, and GitHub for security reviews.
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GEOI2 Tecnologia da Informação LTDA *Software Engineer*

Aug 2019 – Jun 2022 / Hybrid (Campo Grande, Brazil)

- Rebuilt a slow legacy JSF application as an Angular 13 micro-frontend with a Spring Boot backend, improving page load times and user experience.
 - Built a 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.
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Fonte Tecnologia *Software Engineer*

Aug 2017 – Aug 2019 / On-Site (Campo Grande, Brazil)

- Worked on a real-time dispatch system used by public safety forces. Fixed a CPU bottleneck in its live vehicle tracking system by replacing inefficient setTimeout loops with an optimized timer, improving performance for emergency response operations.
 - Built a telephone form module for emergency call reporting, reducing dispatcher workload and improving coordination between operational units.
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PSG Tecnologia *Software Engineer*

Mar 2013 – Aug 2017 / On-Site (Campo Grande, Brazil)

- Organic Law System: Developed a digital system for managing Mato Grosso do Sul's Organic Law. Enabled government users to efficiently edit, version control (diffing), and access legal statutes, making legal updates more efficient and ensuring accuracy.
 - PPA Thematic Programs Module: Developed a module for managing thematic programs within Mato Grosso do Sul's Pluriannual Plan (PPA). This improved the organization and tracking of public spending initiatives, making the state's multi-year financial planning process more efficient.
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EDUCATION

Bachelor's in Computer Engineering

Uniderp (Jan 2009 – Dec 2013)

CERTIFICATIONS

Oracle Certified Java SE 11 Developer (Apr 2021)

LANGUAGES

English: Professional Proficiency

Portuguese: Native