TÚLIO RIBEIRO DOS ANJOS

Senior Back-End Developer
Campo Grande, MS, Brazil | Email: mail@tulio.org | Phone: +55 67 9 9266 0804
Website: tulio.org | Open to Remote Work

SUMMARY

Senior back-end developer with 12+ years of experience modernizing legacy systems, delivering high-performance solutions, and leading cloud integrations. Skilled in .NET (Framework to 8), Java 11, AWS, and advanced data handling. Proven track record reducing maintenance overhead, optimizing databases, and ensuring stable, scalable software in production environments.

CORE COMPETENCIES

- **Languages & Frameworks**: C# (.NET 8, .NET Framework), Java (11), Spring Boot, REST APIs

- **Databases**: SQL Server (T-SQL), MongoDB, Entity Framework, JPA, Hibernate

- **Cloud & DevOps**: AWS (Lambda, S3), Docker, Azure DevOps (CI/CD, YAML pipelines)

- **System Integration**: ETL workflows, API design, secure HTTPS, Webhooks

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PROFESSIONAL EXPERIENCE

BairesDev LLC (Remote) | Software Engineer

Jun 2022 – Present
- **.NET 8 AWS Services & Retail Integrations**
- Developed scalable AWS Lambda (C#/.NET 8) solutions to synchronize >100,000 SKUs between LulaRoe inventories and Shopify, overcoming API throttling with data-diffing logic and intelligent retries.
- Implemented robust error handling and logging in CloudWatch, ensuring reliability in production and seamless multi-retailer adoption.

- **High-Performance Image Processing**

- Created an AWS Lambda function (C#/.NET 8, SkiaSharp) to generate dynamic image collages on-demand, achieving sub-second processing (excluding I/O).

  - Enabled multiple collage layouts (1–4 images) while maintaining responsiveness for end-user platforms (Wayroo).
- **Java to Spring Boot Modernization**
  - Re-architected complex legacy Java APIs into a Spring Boot REST API, simplifying future development and reducing maintenance overhead.

  - Adopted Spring Data JPA and Hibernate to mitigate SQL risks and standardize data access, backed by integration tests to ensure robust coverage.
- **Azure DevOps CI/CD**
  - Automated microservice deployments via YAML-based Azure DevOps pipelines, integrating unit and integration tests to reduce post-deployment issues.

  - Streamlined software releases with fully automated build, test, and deployment workflows, enhancing reliability and speeding up feature delivery.

Geoi2 Tecnologia (Remote) | Full Stack Developer

Aug 2019 − Jun 2022
- **Legacy Overhaul & Performance Boost**
- Revamped the bottlenecked 'eContas' JSF system into an Angular 13 micro-frontend + Spring Boot backend, greatly improving responsiveness and user satisfaction.

- **Database & ETL Automation**
  - Built a Java CLI tool for automated database setup and Pentaho Kettle ETL configuration across diverse DBMSs (SQL Server, MySQL, PostgreSQL, Oracle, etc.), speeding up data collection for government audits.
- **Bandwidth-Constrained Deployments**
  - Combated unreliable network conditions by enabling gzip compression for JSON payloads into MongoDB, cutting data volume by ~90% and ensuring faster, more reliable data transfer.

EDUCATION

B.S. in Computer Engineering
Anhanguera Uniderp (2009–2013)

CERTIFICATIONS

- Oracle Certified Professional: Java SE 11 Developer (2021)

- Pursuing AWS Certified Developer – Associate