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**Languages:** English (Professional), Portuguese (Native)

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## SUMMARY

Full-stack engineer specializing in **.NET 8/ASP.NET Core** backends and **Angular** frontends. I build APIs, services, and data-driven UIs that integrate with cloud platforms (AWS, Azure Event Hubs). I focus on clean, reliable application code, pragmatic performance tuning, and production-minded delivery.

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## CORE SKILLS

- **Backend:** .NET 8, C#, ASP.NET Core, Web API, Entity Framework
  - **Frontend:** Angular (incl. 17), TypeScript, JavaScript, Astro (SSG)
  - **Databases:** SQL Server, PostgreSQL, MySQL, MongoDB, Redis
  - **Cloud & Messaging:** AWS (Lambda, S3, SNS, SQS, CloudWatch), Azure Event Hubs
  - **DevOps & CI/CD:** Docker, GitHub Actions, GitLab CI/CD, Azure Pipelines
  - **APIs & Integration:** REST, GraphQL, OAuth2, Shopify API, CSVHelper
  - **Other:** WebSockets, API throttling, caching, SEO, SkiaSharp
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## PERSONAL PROJECTS & OPEN SOURCE

- **SchemaShroud — .NET Data Anonymization Experiment** (*Open Source, .NET 8*)  
Declarative attributes + reflection to anonymize data in .NET.  
<https://github.com/tulior/schema-shroud>
  - **Personal Portfolio & Tech Blog** (*Astro, Tailwind CSS*)  
<https://tulio.org> — articles on engineering & hiring. Achieved **100/100 Lighthouse** (Performance, Accessibility, SEO).
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## EXPERIENCE

**BairesDev — Full-Stack .NET & Angular Engineer** Feb 2025 – Present · Remote (HQ: São Paulo, Brazil)

- **Fuel Consumption Analysis (Angular 17 / .NET 8):** Built a driver efficiency module with multi-select, filterable data grids and .NET APIs for aggregation—enabling clients to identify the most fuel-efficient drivers.
- **Shift Finalization Background Service (.NET + Azure Event Hubs → BigQuery):** Near-real-time worker that aggregates trip metrics and finalizes driver shifts; keeps analytics accurate and current.

**Tech:** .NET 8, ASP.NET Core, Angular 17, Azure Event Hubs, BigQuery, SQL

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**BairesDev — .NET Core Engineer** Mar 2023 – Feb 2025 • Remote (HQ: Overland Park, KS, USA)

- Greenfield **.NET microservice** to sync products/inventory with **Shopify API**. Implemented **SQS-backed rate-limit handling** and batched updates.  
**Impact:** onboarded **50+ retailers** and processed **400+ orders** in the first 8 months.

**Tech:** .NET, ASP.NET Core, Shopify API, AWS SQS, AWS CloudWatch, PostgreSQL

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**BairesDev — Java & Spring Engineer** Jun 2022 – Mar 2023 • Remote (HQ: San Francisco, CA, USA)

- Modernized legacy Java endpoints to **Spring Boot REST** services; improved DB query performance and integrated CI/CD.

**Tech:** Java 11, Spring Boot, REST, SQL, CI/CD

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**GEOI2 Tecnologia da Informação LTDA — Software Engineer** Aug 2019 – Jun 2022 • Hybrid • Campo Grande, Brazil

- Replaced JSF portions with **Angular 13 micro-frontend** + **Spring Boot** backend for measurable performance gains.
- Built a **Java CLI** to automate ETL for financial audits. Used **Pentaho KTR** for extraction (Sybase, Firebird, PostgreSQL, MySQL → MongoDB) and **Gzip** for ~90% compression over slow links.

**Tech:** Angular 13, Spring Boot, Java, Pentaho, MongoDB, Sybase, Firebird, PostgreSQL, MySQL

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**Fonte Tecnologia — Software Engineer** Aug 2017 – Aug 2019 • On-site • Campo Grande, Brazil

- Optimized a **real-time vehicle tracking** system for public safety; removed a CPU bottleneck caused by timer misuse.
- Developed a structured form module for emergency call reporting.

**Tech:** Java, SQL, Realtime, Profiling

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**PSG Tecnologia — Software Engineer** Mar 2013 – Aug 2017 • On-site • Campo Grande, Brazil

- **Organic Law System:** drafting, editing, and version comparison for state law documents.
- **PPA Thematic Programs Module:** program management for the state's multi-year financial plan.

**Tech:** Java, JSF, SQL

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## EDUCATION & CERTIFICATIONS

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