Bruno Lucildo da Silva

TECHNICAL LEAD | SENIOR .NET BACKEND ENGINEER

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Summary

Technical Lead and Senior Backend Software Engineer with 10+ years of experience designing, developing, and modernizing enterprise software. Strong expertise in .NET, C#, ASP.NET Core, REST APIs, microservices, distributed systems, and legacy modernization. Currently leading 5 Software Engineers building a new ERP platform while remaining hands-on in architecture and development. Modernized 5+ critical services and implemented solutions that reduced sales order item insertion time by 80%. Currently pursuing postgraduate studies in AI Systems Development and Management, building study projects focused on AI Engineering, LLMs, and AI agents. Seeking Senior Backend Engineer, Senior Software Engineer, or Technical Lead opportunities.

Experience

Technical Lead
Açovisa | Steel Distribution & Industrial Solutions | São Paulo, Brazil *(remote)* *May 2023 – Present*

Lead a team of 5 Software Engineers responsible for the development and evolution of the company's new ERP platform.

Key achievements:

- Lead a team of 5 Software Engineers, providing technical direction, mentoring, architectural guidance, and support for complex engineering decisions.
- Led the modernization of 5+ business-critical services, including core systems for user registration and access and sales operations.
- Defined software architecture and engineering standards for the new ERP platform.
- Designed and implemented distributed solutions using RabbitMQ, reducing the time required to add items to sales orders by **80%**.
- Improved backend performance through PostgreSQL query optimization and service-level improvements.
- Drive technical decisions across modern and legacy components while balancing business continuity, scalability, and maintainability.
- Conduct code reviews and technical coaching to improve engineering quality and team autonomy

Skills: Technical Leadership | Software Architecture | Clean Architecture | SOLID | Performance Optimization | .NET | C#

Senior Backend Engineer
Açovisa | Steel Distribution & Industrial Solutions | São Paulo, Brazil *(remote)* *September 2022 – May 2023*

Responsible for the backend architecture and implementation of the company's next-generation ERP.

- Designed and developed scalable REST APIs using ASP.NET Core.
- Designed relational data models and optimized queries across SQL Server and PostgreSQL.
- Implemented MongoDB Atlas Search to support application search capabilities.
- Introduced Redis for distributed caching and session management.
- Developed asynchronous integrations using RabbitMQ.
- Implemented JWT-based authentication and authorization.
- Optimized complex SQL queries and backend services to improve API performance.
- Built data access layers using Entity Framework and Dapper.

Skills: C# | ASP.NET Core | PostgreSQL | SQL Server | MongoDB | Redis | RabbitMQ | Entity Framework | Dapper

Software Engineer Fullstack
Açovisa | Steel Distribution & Industrial Solutions | São Paulo, Brazil *(remote)* *March 2020 – August 2022*

- Developed enterprise web applications supporting core business processes.
- Designed and implemented the company's Balanced Scorecard platform.
- Built Business Intelligence dashboards for operational and management reporting.
- Developed ETL processes using Azure Data Factory.
- Developed applications and integrations using Node.js and JavaScript.
- Maintained and evolved legacy applications using InterSystems Caché.

Skills: InterSystems Caché | Azure Data Factory | SQL Server | JavaScript | Node.js

Software Engineer Fullstack
Açovisa | Steel Distribution & Industrial Solutions | São Paulo, Brazil *(remote)* *June 2018 – March 2020*

- Developed and maintained internal enterprise web applications.
- Implemented new features and enhancements for business-critical systems.
- Maintained and evolved legacy applications while supporting the company's software development initiatives.

Skills: InterSystems Caché | SQL Server | JavaScript

Software Engineer Fullstack
Açovisa | Steel Distribution & Industrial Solutions | São Paulo, Brazil *(remote)* *July 2016 – June 2018*

- Supported the development and maintenance of internal enterprise applications.
- Implemented new features and enhancements for business systems.
- Developed software engineering skills while working with enterprise applications and legacy technologies.

Skills: InterSystems Caché | SQL Server | JavaScript

Education

Postgraduate Program (Master) in AI Systems Development and Management – Coders University (ESIC), Brazil (2026 – Present)
BSc in Analysis and Systems Development – Federal Institute Of Science and Technology, Brazil (2009 - 2013)

Skills

Languages: C# | JavaScript | InterSystems Caché
Frameworks: .NET | ASP.NET Core | Entity Framework | Dapper | Node.js
Databases: PostgreSQL | SQL Server | MongoDB | Redis
Messaging: RabbitMQ | Azure Service Bus
Architecture: Clean Architecture | SOLID | REST APIs | Microservices | Event-Driven Architecture

Languages

English: Full professional proficiency
Portuguese: Native

Additional Information

Open to global relocation and remote opportunities.
Based in São Paulo, Brazil (BRT / UTC-3), with availability for collaboration across US and European time zones.