

Guilherme *Filenga*

Senior backend engineer building AI-powered products end-to-end — .NET & Azure foundations, now applied to a generation of LLM features that have to be reliable, not just demos.

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Senior backend engineer (C# / .NET, Oracle / PL-SQL, Azure) with 4+ years shipping production systems in regulated banking and global industrial environments — REST APIs, identity flows, schema design, messaging and observability under real load. Now applying that production discipline to AI-powered products: building *Baila* end-to-end, working daily inside AI-augmented dev workflows (Claude Code, Cursor, MCP), and treating LLM features the same way as any other system that has to be reliable — contracts, evals, observability, threat models. Open to relocation and remote roles.

PROFESSIONAL EXPERIENCE

Senior Backend Developer · *Biz*

JUN 2025 — PRESENT · SÃO PAULO

Returned to Biz in a senior role owning backend design across .NET services for client-facing platforms. Lead architecture and domain modeling for API integrations, mentor mid-level engineers, and operate inside an AI-augmented workflow (Claude Code, Cursor) — using agents to accelerate scaffolding, refactors and code review while keeping a senior engineer's bar on what actually ships.

Software Engineer · *Dow*

AUG 2024 — MAY 2025 · 10 MO · SÃO PAULO

Built and maintained .NET backend services on Azure for one of the world's largest materials science companies. Worked across Azure API Management, App Service, B2C and Key Vault — the same primitives that underpin production AI systems (gateway policies, scoped identities, secret hygiene). Shipped features end-to-end against Oracle / PL-SQL data sources used by global engineering and operations teams.

Mid-level Backend Developer · *Biz*

APR 2023 — AUG 2024 · 1 YR 5 MO

Delivered backend features end-to-end for multiple client products on .NET / C#. Designed REST APIs and JWT-based identity flows, authored unit and integration tests with xUnit, Moq and FluentAssertions, and worked directly with POs to scope and ship — the kind of cross-stack ownership AI product teams hire for.

Banco Modal

JUL 2021 — FEB 2023 · 1 YR 8 MO · SÃO PAULO

Backend Developer

NOV 2021 — FEB 2023 · 1 YR 4 MO

Shipped production code reaching real users in a regulated banking environment, where reliability and audit trails are non-negotiable. Maintained a high-value legacy system while contributing to a green-field project — schema design, integration contracts and observability across Kafka, RabbitMQ and the ELK stack. The same instincts (clear contracts, traceability, graceful failure) transfer directly to building reliable LLM features instead of demos.

Backend Developer · Career Acceleration

JUL 2021 — OCT 2021 · 4 MO

Selected for a 3-month accelerated engineering program covering C# / .NET fundamentals plus production-scale tooling: Kafka, RabbitMQ, ELK observability and DevOps practices. Promoted into the bank's full-time engineering team upon completion.

Service Desk Intern · *Linkspartner*

JAN 2017 — JUL 2017 · WALMART E-COMMERCE ACCOUNT

Supported Walmart e-commerce employees, troubleshooting issues by following established protocols — first hands-on exposure to talking to users, triaging real failures, and writing up what actually broke.

SIDE PROJECTS & EXPERIMENTATION

Founder / Full-stack · *Baila*

ONGOING · TYPESCRIPT · REACT · NEXT.JS

Building Baila end-to-end — product scoping, frontend, backend, deploys and the marketing around it. Working outside the .NET comfort zone has forced full-stack range: payments and ticket-issuance flows, customer support edge cases, and talking to actual organizers about what they need rather than guessing from a backlog.

AI-augmented dev workflow

DAILY DRIVER

Day-to-day work inside Claude Code and Cursor across .NET and TypeScript codebases — using agents for scaffolding, refactors, test generation and code review, with MCP for tool/data integration. Practiced at prompt and context engineering on real tasks: shaping instructions, examples, retrieved context and schemas so the model produces something I'd ship, not something I'd have to rewrite.

SKILLS

Primary stack

C# · .NET · ASP.NET Core · Entity Framework · Dapper · Oracle · PL/SQL · SQL Server

Azure (production)

API Management · App Service · B2C · Key Vault · CI/CD

APIs & architecture

REST APIs · API Design · DDD · CQRS · SOLID · Clean Code · JWT & Identity

Working knowledge

TypeScript · React · Next.js · Node.js · PostgreSQL · MongoDB · Redis

AI product toolkit

LLM APIs · Prompt eng. · Context eng. · RAG basics · Tool calling · MCP · Claude Code · Cursor

Messaging & observability

Kafka · RabbitMQ · Elasticsearch · Logstash · Kibana

Testing & tooling

xUnit · Moq · FluentAssertions · TDD · Git · Azure Repos · Agile / Scrum

LANGUAGES

Portuguese	NATIVE
English	FULL PROFESSIONAL

EDUCATION

Postgraduate, Information Technology

FIAP

Aug 2023 — May 2024

B.Tech, Systems Analysis & Development

FIAP

2016 — 2018

Technical Diploma, Computing

Escola Técnica Lauro Gomes

2012 — 2015

CERTIFICATIONS

\$ C# Fundamentals

\$ Mastering ASP.NET MVC Core

\$ Mocks in C# — Integration Testing with xUnit & Moq

\$ Object-Oriented Programming Fundamentals

\$ REST with ASP.NET Core Web API