

LUIZ FERNANDO JUSTINO

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PROFESSIONAL SUMMARY

Senior Software Engineer with over 10 years in the IT industry and 8 years specialized in Software Engineering. Currently pivoting extensive backend expertise into the **.NET ecosystem** (C#, ASP.NET, Entity Framework), backed by a proven track record of building high-impact systems in PHP (Laravel) environments. Expert in **Microservices** and **digital transformations**, with a **history of driving architectural decisions and process improvements that reduced processing times from days to minutes**. I am a **hands-on professional**, recognized for my ability to solve complex integrations without prior knowledge and for fostering a **culture of quality** and **collaboration within engineering teams**.

EDUCATION & ACHIEVEMENTS

- **English Immersion Program:** ISI Dublin, Ireland (Current).
- **B.Sc. in Computer Science:** Pitágoras University, Brazil.
- **Open Source:** Developed a GitLab integration plugin for the **Seneca.js** microservices toolkit for Voxgig (Ireland/UK).

TECHNICAL SKILLS

- **Core Expertise:** .NET Core / .NET (C#), ASP.NET Core, Entity Framework, LINQ, xUnit, Microsoft SQL Server.
- **Proven Expertise:** PHP (Expert - Laravel, Lumen, PHPUnit).
- **Systems & Languages:** JavaScript/TypeScript (Advanced), Node.js, Go.
- **Architecture:** Microservices, Asynchronous & Parallel Programming (TPL), REST & SOAP APIs, Design Patterns, SOLID, Clean Code.
- **Infrastructure & Cloud:** Microsoft Azure, Azure DevOps, AWS (EC2, S3), Oracle Cloud (OCI), Docker, CI/CD (GitHub Actions, Jenkins, GitLab).
- **AI Productivity:** Cursor (Agentic IDE), Claude 4.5, Gemini 3.1 Flash, AI-driven refactoring.

PROFESSIONAL EXPERIENCE

Ana Gaming | *Senior Software Engineer* | **Nov 2025 – Feb 2026**

- **Performance & Concurrency:** Optimized high-volume data processing by implementing **Asynchronous and Parallel Programming (TPL)**, increasing throughput for core event processors.

- **Technical Collaboration:** Actively defined engineering standards and architectural decisions for a new iGaming squad. Developed internal guidelines for Pull Requests and Code Review best practices.
- **Backend & Infrastructure:** Collaborated on critical core services: **Logger** (log management), **Heimdall** (event processor), and **Andromeda** using **.NET/C#**, **MongoDB**, and **xUnit** for automated testing.
- **Systems Integration:** Built event-driven microservices for bonus crediting and developed **.NET** worker services (**Replicator**) for automated database replication.

HostGator Latin America | *Senior Software Engineer* | Jan 2024 – Apr 2025

- **Core Billing & Security:** Handpicked for the **Billing Squad (Core Product)**. Collaborated with specialists to implement shipping and checkout security measures for **PCI DSS certification**.
- **International Expansion:** Supported product rollout across **9 Latin American countries**, ensuring stability and scalability during localized expansion.
- **Product Development:** Co-developed a new affiliate management service using **Laravel and the Command Pattern** to replace legacy platforms. Improved mass invoice processing and fixed critical image validation issues.
- **Mentorship:** Supported junior developers through code reviews and sharing best practices.

BigBang Digital | *Squad Lead & Software Engineer* | Jul 2021 – Jan 2024

- **Leadership:** Led the B2C product squad, managing technical delivery standards. Promoted to Squad Lead within three months due to technical excellence.
- **Process Automation:** Spearheaded the digitization of the consortium flow, reducing processing time from **days to 10 minutes**. Integrated digital signatures with dynamic rules and automated complex legal PDF generation.
- **Critical Problem Solving:** Resolved a high-priority, broken integration with **TakeBlip (SMS)** without prior tool knowledge, successfully debugging the service after the owner left.
- **Culture of Quality:** Co-founded "Knowledge Sharing" sessions to establish standards for API naming and ESLint. Moved testing culture from simple HTTP validation to full business-flow integration tests.
- **Cloud Efficiency:** Transformed slow 30-second SOAP calls into asynchronous microservices. Reduced storage costs via **AWS S3 Lifecycle Rules**.

Krypton BPO | *Software Engineer* | (Project Migration)

- **Project Ownership:** Solely responsible for leading the migration of legacy core systems to a modern **Laravel and Vue.js stack**. Managed the end-to-end transition while mentoring junior developers.
- **System Integrity:** Audited and resolved critical security flaws related to user profiles and unauthorized permissions. Improved data accuracy in franchise and unit product reports.
- **Technical Contribution:** Developed and published a custom library for digital signature services on **Packagist**.

SCN Brasil (Serasa Experian Partner) | *Software Engineer* | Apr 2018 – Sep 2019

- **Performance:** Developed a self-service reporting dashboard that reduced IT support tickets by **80%**.
- **Compliance:** Architected a communication and audit panel for the Compliance department to monitor protocols and prevent fines.
- **Automation:** Automated mass invoice generation and communication tools, replacing manual workflows.

Pitágoras (Cogna Educação) | *IT Supervisor* | Feb 2012 – Jun 2017

- **Management:** Managed the IT sector across multiple units, overseeing infrastructure and team workflows.
- **Project Lead:** Supported the Kroton Greenfields Project as an IT Elite Lead for opening new units under MEC standards.
- **Optimization:** Optimized laboratory setup using OS cloning, reducing setup time from 1.5h per machine to **30 computers in 30 minutes**.
- **Infrastructure:** Configured and maintained core switches (Cisco, HP) and managed complex VLAN environments and Windows Server (AD, DNS, DHCP).