

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. Expert in the PHP ecosystem (Laravel) and Microservices, with a proven track record of leading squads and driving digital transformations that reduced process times from days to minutes. Currently based in Dublin and expanding expertise into C#/.NET Core, I am a lifelong learner dedicated to building high-impact software solutions on the Emerald Island. I possess a deep understanding of the full SDLC, from initial architecture to production deployment, with a focus on building robust REST APIs, automated testing, and scalable, monitored environments.

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

- **Expertise:** PHP (Expert - Laravel, Lumen, PHPUnit).
- **Systems & Languages:** JavaScript/TypeScript (Advanced), C#/.NET Core (Intermediate/Learning), Node.js, Go.
- **Architecture:** Microservices, REST & SOAP APIs, Design Patterns, SOLID, Clean Code.
- **Cloud & DevOps:** AWS (EC2, S3), Oracle Cloud Infrastructure (OCI), Docker, CI/CD (Jenkins, GitLab, Bitbucket, Github Actions).
- **Databases:** MongoDB, PostgreSQL, MySQL, SQL Server, Redis.
- **Agile & Process:** Scrum, Kanban, Agile Methodologies, Jira, Confluence, Azure DevOps.
- **AI Engineering:** AI Agents development, Agentic RAG (Retrieval-Augmented Generation), MCP (Model Context Protocol), Tool Calling & Function Calling.

AI PRODUCTIVITY & WORKFLOW

- **Development:** Cursor (Agentic IDE), Claude 4.5/Opus, Gemini 3.1 Flash, ChatGPT 4.5 (Codex/Advanced reasoning).
- **Automation:** Leveraging AI agents for automated refactoring, documentation, and unit test generation.

PROFESSIONAL EXPERIENCE

Ana Gaming | Senior Software Engineer | Nov 2025 - Feb 2026

- Contributed to the engineering standards and system architecture for a new iGaming squad.
- Participated in the development of core services: Logger (centralized log management), Heimdall (queue and event processor), and Andromeda (key-value database for service configurations).
- Implemented a specialized microservice for event-driven bonus crediting via third-party API integration.
- Built worker services (Replicator) for scheduled database replication and data obfuscation across environments.

HostGator Latin America | Senior Software Engineer | Jan 2024 - Apr 2025

- Mentorship: Supported junior developers through code reviews and sharing best practices to improve team delivery.
- Supported the international expansion of hosting products across 9 Latin American countries.
- Security & Compliance: Enhanced system security to meet PCI DSS certification standards, mitigating payment processing vulnerabilities.
- Optimized the e-commerce platform with new core functionalities for multimedia integration.

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

- Leadership: Led the B2C product squad, managing workflows and technical delivery standards.
- Earned a promotion to Squad Lead within three months due to technical excellence and ownership.
- Spearheaded the project to digitize the consortium flow, reducing processing time from days to 10 minutes.
- Provided technical mentorship to developers within the squad and supported cross-functional teams.

Krypton BPO | Software Engineer | (Project Migration)

- Participated in the migration of a legacy core system to Laravel and Vue.js, ensuring a modern and agile stack.
- Guided junior peers during the transition and optimized digital signature reporting features.

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

- Developed a self-service reporting dashboard that reduced the IT support ticket queue by 80%.
- Architected a communication and audit panel for the Compliance department to monitor protocols and prevent fines.

- Automated mass invoice generation and mass communication tools, replacing manual workflows.
- Promoted from Web Development Intern to Information Systems Programmer within 5 months.

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

- Managed the IT sector across multiple units, overseeing infrastructure, team workflows, and asset control.
- Supported the Kroton Greenfields Project as an IT Elite Lead for opening new units under MEC standards.
- Optimized laboratory setup using OS cloning (WDS/Clonezilla), reducing time from 1.5h/machine to 30 computers in 30 minutes.