

MARCELO VINICIUS TAPARELLI

Software Engineer | Applied AI Engineering

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PROFESSIONAL SUMMARY

Software Engineer with experience in web development, backend systems, automation, and production maintenance. I currently work at Agência Catus and EVAG across WordPress, performance, internal systems, and operational automation. I hold a degree in Systems Analysis and Development and am deepening my studies in Applied AI Engineering, with a focus on applying AI to concrete product and operational problems.

PROFESSIONAL EXPERIENCE

Agência Catus | Full Stack Developer | Jul 2026 - Present

- Develop and evolve the agency's new website and two WordPress blogs, including Custom Post Types, theme customization, and new features.
- Maintain an e-commerce implementation on the Wake platform, troubleshoot production issues, and work on performance/Core Web Vitals.
- Deploy directly to server environments and continuously improve web applications.

EVAG Comunicação e Tecnologia | Developer | Apr 2024 - Present

- Developed Google Drive-to-WordPress automation for generating petition pages, reducing manual steps and making the publishing workflow more direct.
- Developed an internal request management solution integrated with GitLab, supporting organization, traceability, and flow of operational demands.
- Develop and maintain systems, websites, and automation with Laravel, PHP, Python, JavaScript, WordPress, and Tailwind, including production fixes and new features.

EVAG Comunicação e Tecnologia | Product Owner | Apr 2023 - Mar 2024

- Managed website delivery from requirements discovery through final delivery, connecting clients, design, and development.
- Structured requirements and support workflows, prioritizing across business needs, user experience, and the team's technical capacity.

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, Python, PHP

Backend & runtime: Bun, Node.js, Laravel, REST APIs

Web: WordPress, Custom Post Types, Tailwind CSS, HTML, CSS

Engineering: Clean Architecture, DDD, SOLID, microservices fundamentals, unit, integration and E2E testing, CI/CD with GitHub Actions, automated quality gates, and production troubleshooting

Data, infrastructure & security: SQL/PostgreSQL, Docker, Git/GitLab/GitHub, AWS Cloud fundamentals, authentication/authorization, secure development, logging, and observability fundamentals

Applied AI (current focus): Python/PyTorch, ML/DL fundamentals, and LLM/RAG concepts

AI-assisted software engineering: Agentic Software Development, AI coding agents, human-in-the-loop workflows, and automated quality gates

Public project: Portfolio built with Bun/Astro/TypeScript/MDX with CI-validated delivery, manual approval and Hostinger publishing; automated multichannel distribution with Bun, TypeScript and GitHub Actions to DEV.to and LinkedIn via official APIs, with human approval, idempotency, publication state tracking and partial-failure recovery.

ADDITIONAL TRAINING

Alura (full certificate): Software Engineering, Microservices, Back-end, Node.js/Express APIs, Authentication/Testing/Security, DevOps and CI/CD, Cloud/AWS, and Secure Development.

EDUCATION & LANGUAGES

Education: Systems Analysis and Development - UniBF | Completed in 2026

Languages: Portuguese (native) | English (advanced)