

YURI PINHEIRO TEIXEIRA

Senior Full Stack Software Engineer

Teresina - PI, Brasil

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PROFESSIONAL SUMMARY

Performance-driven Senior Software Engineer with 8+ years of expertise in Backend Architecture and Full-Stack Development across diverse industries. Specialized in building scalable, production-ready applications utilizing Node.js (TypeScript) and Python ecosystems. Proficient in integrating Artificial Intelligence (AI) capabilities, including Large Language Models (LLMs), RAG systems, and autonomous AI Agents framework integration. Adept at designing resilient RESTful APIs, managing Vector Databases, and driving technical excellence through autonomous execution and cross-functional collaboration.

EDUCATION

- **Bachelor in Systems Analysis and Development (NFQ Level 7 Equivalent)**
 - [UNOPAR](#) — Paraná, Brazil | 2015 – 2019

HARD SKILLS

- **Languages & Back-end:** TypeScript, Node.js, NestJS, JavaScript, Python, C#
- **AI:** Prompt Engineering, RAG, AI Agents, Vercel AI SDK, OpenAI & Gemini APIs
- **Front-end:** React, Next.js, Vue.js, Quasar, Vite, Tailwind CSS
- **Cloud & DevOps:** AWS (Lambda, SQS, SNS, ECS), Azure, Docker, Kubernetes
- **Databases:** PostgreSQL, MongoDB, Redis, Pgvector, SQL Server, Elasticsearch
- **Architecture & Practices:** Clean Architecture, DDD, TDD, SOLID, Design Patterns
- **CI/CD & Quality:** CI/CD, GitHub Actions, Azure DevOps, Sonarqube, Datadog

PROFESSIONAL EXPERIENCE

[Squadra Digital](#) - Senior Software Engineer | Feb 2025 - Mar 2026 (1 year 2 months)

A leading Brazilian technology and digital transformation company delivering custom software engineering, cloud solutions, and agile consulting for enterprise clients.

- **Company & Role Details:** Software Engineer acting as the sole technical lead for custom internal management tools, driving architecture, systems integration, and full-stack development for a company of over 500 employees.
- **Team & Methodology:** Operated with extreme autonomy in a lean two-person unit alongside the business manager. Independently managed the entire Agile Kanban lifecycle, taking full ownership of product discovery, requirement analysis, sprint planning, task breakdown, and execution.
- **Responsibilities & Achievements:**
 - Demonstrated strong product ownership by independently translating clear business objectives into robust technical architectures and production-ready software.
 - Orchestrated complex workflows across Sales, HR, Back-office, and Operations by engineering custom NestJS and Node.js/TypeScript middleware that ensured bidirectional connectivity between legacy services and modern REST APIs.
 - Drastically optimized the company's recruitment pipeline by building custom React-based Google Chrome extensions that automated talent sourcing and candidate onboarding into management systems.
 - Solved critical data governance challenges by delivering seamless, automated data synchronization across multiple databases, Airtable, and third-party platforms (DocuSign, HubSpot, GLPI).
 - Enhanced infrastructure scalability and intelligence by deploying solutions on AWS using Kubernetes and integrating autonomous AI agents to fulfill custom operational requirements.
- **Technologies & Environment:** NestJS, Node.js, TypeScript, React, Chrome Extension API, REST APIs, Middleware Architecture, Airtable, Kubernetes, AWS.

ZRP Software House - Senior Software Engineer Full Stack | Feb 2022 - Feb 2025 (3 years)

A software development consultancy specializing in building custom web applications, scalable backend architectures, and high-performance digital products for startups and enterprises.

- **Project: Token Capital - Tech Lead & Full Stack Software Engineer**

- **Company & Role Details:** Senior Full Stack Developer responsible for leading the technical development and delivery of a secure tokenised investment platform on the Polygon blockchain for a primary stakeholder.
- **Team & Methodology:** Collaborated closely in an Agile Kanban environment with Continuous Delivery alongside one other Senior Developer, a Product Owner (PO), a Designer, and the stakeholder.
- **Responsibilities & Achievements:**
 - Led the technical execution and architected the entire platform from scratch to production in just 3 months utilizing Node.js, PostgreSQL, and Strapi v5.
 - Bridged the gap between engineering and business by actively managing delivery deadlines and maintaining constant alignment with stakeholders.
 - Directed the code review process to enforce strict security and quality standards for a mission-critical project managing real client funds.
 - Engineered a highly secure and immutable tokenisation system on the Polygon blockchain, featuring automated calculations and complete transaction traceability.
 - Coordinated with DevOps to configure robust CI/CD pipelines, handling seamless deployments and ensuring high availability through Docker and AWS ECS.
 - Streamlined the investment lifecycle with complex process automation, and designed a modern frontend dashboard with React and Next.js, establishing compliant integrations with DocuSign, Fitbank, IDWall, and AWS SES.
- **Technologies & Environment:** Next.js, React, Strapi v5, Node.js, PostgreSQL, Polygon Blockchain, AWS, ECS, Docker, CI/CD.

- **Project: INEO - Full Stack Engineer**

- **Company & Role Details:** Core Technical Team Member driving the development of a microservices platform to modernize Notary Protest Offices across Brazil.
- **Team & Methodology:** Thrived in an Agile environment (Scrum and Kanban) with Continuous Delivery, working within a 15-person cross-functional team (Devs, PO, PM, Designer, DevOps). Maintained constant alignment and held strategic decision-making meetings with a parallel 15-person team managing a sister platform.
- **Responsibilities & Achievements:**
 - Played a critical role in transforming the Brazilian notarial sector by building "Resolve", an innovative, highly scalable platform that securely connected notary offices, individuals, and companies nationwide.
 - Architected and orchestrated a highly scalable microservices ecosystem from concept to implementation, utilizing NestJS, Python, Azure, and message brokers (BullMQ, Redis) alongside robust databases (MongoDB, SQL Server) to ensure high availability and resilience.
 - Enforced rigorous engineering best practices, including design patterns and comprehensive observability utilizing Datadog and ElasticSearch, which resulted in robust, high-performance service communication.
 - Accelerated development cycles and improved deployment reliability by utilizing Docker and implementing automated CI/CD pipelines.
- **Technologies & Environment:** React, Tailwind, NestJS, Python, Redis, BullMQ, MongoDB, SQL Server, Azure, Datadog, ElasticSearch, Docker.

- **Project: Frente Corretora - Full Stack Engineer**

- **Company & Role Details:** Full Stack Developer focused on building high-performance, cloud-based foreign exchange and investment solutions serving thousands of end clients.
- **Team & Methodology:** Worked within a highly dynamic, 30-person Agile Scrum team (Devs, PO, PM, Designers, DevOps) with strict separation of responsibilities. Facilitated constant technical communication with the client's internal development team to integrate cross-platform functions.

- **Responsibilities & Achievements:**
 - Engineered and deployed highly scalable cloud-based architectures utilizing Node.js, NestJS, Docker, and AWS compute services (ECS, EC2) alongside robust database management (MongoDB, PostgreSQL) that streamlined complex foreign exchange workflows, significantly reducing transaction processing times.
 - Optimised overall performance and minimised API response latency by strategically implementing Redis caching and leveraging AWS serverless technologies (Lambda, Step Functions) for heavy background processing.
 - Enhanced the end-user experience by delivering highly responsive interfaces with Vue.js and Quasar.
 - Strengthened data reliability and decoupled backend services using AWS SQS, ensuring robust message queuing and zero data loss during high-traffic operations.
- **Technologies & Environment:** Vue.js, Quasar, Node.js, NestJS, MongoDB, PostgreSQL, Redis, AWS, ECS, EC2, Lambda, SQS, Docker.

Ifficient - Full Stack Software Engineer | Nov 2020 - Dec 2021 (1 year 2 months)

A US-based performance marketing and ad-tech company delivering data-driven lead generation, automated validation, and distribution solutions through custom high-performance platforms.

- **Company & Role Details:** Software Developer at an Interactive Marketing company specialising in lead generation and data traffic management.
- **Team & Methodology:** Operated in a lean, self-managed Agile Kanban team of just 3 developers. Held end-to-end responsibility for the platform, from UI/UX design to front-end and back-end development.
- **Responsibilities & Achievements:**
 - Mastered the complex business rules of paid traffic, building highly efficient systems utilizing Node.js, JavaScript, and PostgreSQL that handled resources for thousands of concurrent leads.
 - Spearheaded robust API integrations and implemented Elasticsearch, improving data flow across various marketing campaigns.
 - Significantly enhanced the company's service offerings by engineering tailored CMS platforms and scalable White Label solutions using React, Bootstrap, Handlebars, and SASS, supported by Docker containerization.
- **Technologies & Environment:** React, Node.js, PostgreSQL, JavaScript, Bootstrap, Handlebars, SASS, Docker, Git, Jira, Elasticsearch.

EcoCentauro - Systems Analyst | Mar 2017 - Oct 2020 (3 years 8 months)

A software company specializing in comprehensive ERP solutions, business automation systems, and management software tailored for small to enterprise-level operations.

- **Company & Role Details:** Systems Analyst and Software Developer focused on desktop commercial management solutions for dozens of local business clients.
- **Team & Methodology:** Collaborated within an 8-person team utilizing Kanban to prioritize and manage development tasks and active support tickets.
- **Responsibilities & Achievements:**
 - Contributed directly to the development and maintenance of robust desktop applications utilizing C# and Windows Forms (WinForms), leveraging the .NET Framework.
 - Elevated software quality by establishing manual QA processes and designing test scenarios.
 - Empowered business decision-making by developing highly customized Crystal Reports and FastReports, seamlessly extracting and structuring complex data from Firebird and PostgreSQL databases.
 - Enhanced client onboarding by delivering impactful on-site training sessions and resolving maintenance calls for local clients.
- **Technologies & Environment:** C#, Windows Forms (WinForms), .NET Framework, SQL, Crystal Reports, FastReport, Firebird, PostgreSQL, QA Testing Methodologies.

INTERESTS & HOBBIES

- **Music enthusiast:** Trash, Heavy, Metal/Death Core and classic Blues
- **Fitness enthusiast:** Daily workouts and health lifestyle
- **Home chef:** Cooking good food to fuel the gains