

Marcos Nascimento

Software Engineer — Fullstack Developer
Email | LinkedIn | GitHub | Portfolio | Santa Maria, RS - Brazil

PROFESSIONAL SUMMARY

Software Engineer with 5+ years of experience building scalable systems and distributed architectures across high-impact domains — fintechs, unified commerce, and public administration. Currently working as a Tech Lead, leading engineering squads, driving architectural decisions, and managing third-party integrations on large-scale white-label e-commerce platforms. Specialist in JavaScript/TypeScript and the Node.js ecosystem, with proven experience in technical leadership, CI/CD pipelines, and payment systems. Actively involved in defining AI-assisted development strategies to optimize team productivity and delivery quality. Engineering background with published research in deep learning and neural networks.

PROFESSIONAL EXPERIENCE

Tech Lead

Apr 2026 – Present

Stefanini Group

Remote

- Lead the engineering team in cross-functional discussions with product, design, and senior leadership
 - Drive technical refinements and discovery sessions, bringing an engineering perspective to feature scoping and architectural decisions
 - Architect scalable solutions for high-traffic checkout flows on a unified commerce platform serving white-label e-commerce clients
 - Define integration policies and standards for connections with major payment gateways, anti-fraud providers, and shipping carriers
 - Structure task allocation strategy and resource distribution across developers of varying seniority levels
 - Unblock developers across all seniority levels through hands-on technical guidance and pair programming
 - Lead technical meetings with third-party teams for external integrations (payment gateways, freight quotation, anti-fraud, delivery-split)
 - Define and implement strategies for AI-assisted development workflows within the platform, optimizing developer productivity
 - Conduct regular 1:1s with team members, providing constructive feedback and supporting career development
 - Contribute code to critical deliveries while maintaining strategic technical oversight
- Stack:* TypeScript, Node.js, React, Next.js, Docker, AWS

Senior Software Engineer

Nov 2025 – Apr 2026

Stefanini Group

Remote

- Developed fullstack solutions for the checkout module of a large-scale unified commerce platform operating in a white-label e-commerce model
 - Built and maintained critical payment flows with integrations to major payment gateways, ensuring reliability and PCI compliance
 - Implemented integrations with freight quotation systems, anti-fraud providers, and delivery-split services
 - Structured and presented technical refinements that influenced architectural decisions across the checkout domain
 - Applied Clean Architecture principles to ensure maintainability, testability, and clear separation of concerns
 - Leveraged AI-assisted development tools as part of a company-wide initiative, participating in internal workshops on AI-driven productivity
 - Promoted to Tech Lead after 6 months based on technical contributions and leadership impact
- Stack:* TypeScript, Node.js, React, Next.js, Clean Architecture, Docker, AWS

Senior Backend Developer

Aug 2025 – Nov 2025

Meta (Allocated: GetNet)

Remote

- Structured and developed backend solutions for chargeback routines of one of Latin America's largest payment platforms
 - Implemented event-driven architecture based on microservices, ensuring reliable and scalable asynchronous processing
 - Integrated directly with Visa, Mastercard, and AMEX networks for internal routines and workflows
 - Actively participated in platform maintenance, performing analysis, debugging, and proposing solutions for incidents
 - Actively contributed to technical decisions and strategy definitions
- Stack:* Node.js, TypeScript, MongoDB, Azure Service Bus, RabbitMQ, Docker, Kubernetes, Hexagonal Architecture

Tech Lead

Jetimob

Jan 2025 – Aug 2025

Remote

- Led team of 6 developers delivering scalable applications for SaaS platform with over 2,000 active websites
- Collaborated directly with product team to align roadmaps with business objectives, conduct technical refinements, and structure backlog for efficient deliveries
- Managed end-to-end infrastructure from server operations to user interaction monitoring, ensuring optimized performance and reliability
- Represented the technology team in strategic technical decisions and contributed code to critical deliveries
- Structured and implemented event-driven architecture
- Implemented ETL systems for process optimization
- Created complete CI/CD pipelines with integrated unit tests and automated deployments
- Optimized PostgreSQL database reducing size from 130GB to 22GB (-83%) and accelerating queries by 250%
- Mentored developers through pair programming and detailed code reviews
- Stack: TypeScript, Node.js, Next.js, Kafka, PostgreSQL, Docker, AWS, Oracle Cloud

Fullstack Developer

Jetimob

Feb 2024 – Jan 2025

Remote

- Developed fullstack features for white-label platform with over 2,000 real estate websites using agile methodologies
- Migrated React application to Next.js with SSR, reducing load time by 75%
- Implemented technical SEO strategies including structured data and image optimization
- Actively contributed to code reviews, architected new features, and mentored new team members
- Established automated testing culture (Jest, Testing Library) and CI/CD practices
- Stack: TypeScript, React, Next.js, NestJS, PostgreSQL, Docker, Jest

Fullstack Developer

AVMB IT Solutions

Feb 2021 – Jan 2024

Santa Maria, RS

- Developed and maintained web systems for municipal public administration management
- Provided support for large-scale legacy systems in Delphi
- Modernized legacy products through refactoring, adoption of new technologies, and SQL optimizations
- Led development of Transparency Portal for municipalities complying with Access to Information Laws
- Stack: Delphi, SQL (IBM DB2, Oracle), TypeScript, Node.js, React, RESTful APIs

TECHNICAL SKILLS

Languages: JavaScript (ES6+), TypeScript, Node.js, Go, SQL, Python

Backend: Node.js, NestJS, Express, RESTful APIs, GraphQL, Microservices

Frontend: React, Next.js, HTML5, CSS3, Tailwind CSS

Messaging/Events: Kafka, RabbitMQ, Azure Service Bus, Event-Driven Architecture

Databases: PostgreSQL, MongoDB, Redis, IBM DB2, Oracle

DevOps/Cloud: Docker, Kubernetes, AWS, Azure, Oracle Cloud, CI/CD, GitHub Actions, Azure DevOps

Architecture: Microservices, Hexagonal Architecture, Clean Architecture, DDD

Testing: Jest, Testing Library, TDD, Unit/Integration Testing

EDUCATION

Federal University of Santa Maria (UFSM)

Bachelor's Degree in Telecommunications Engineering

Santa Maria, RS

Mar 2017 – Jul 2024

Thesis: Deep Learning for Channel Estimation and Joint Signal Detection in GFDM

Publication: Article in Signal Processing Journal (Elsevier/Q1) on neural networks for 5G systems

Extension Scholar: Taught Arduino, MATLAB, and Python courses to over 100 students

LANGUAGES

Portuguese: Native

Spanish: Fluent (Reading, Writing, and Speaking)

English: Fluent (Reading, Writing, and Speaking)