

Thyago C R Martins

Mid-level Full Stack Engineer

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Passionate Backend Software Engineer with 4+ years of experience designing and building scalable systems for identity, fintech, and high-traffic platforms. Proven track record delivering high-performance backend services, secure IAM solutions, and cloud-native microservices supporting over 20M users. Strong expertise in Java, Spring Boot, Node.js, and distributed systems, with solid experience in event-driven architectures, API security, and system resilience. Advocate of Clean Architecture, DDD, and best engineering practices, focused on building secure, scalable, and business-driven solutions.

TECHNICAL SKILLS

Backend: Java (Spring Boot, Quarkus), Node.js (NestJS, Express), TypeScript, Php

Frontend: React.js, Next.js, Tailwind, Material UI, shadcn/ui

AI/ML: RAG strategies, LangChain, LLM integration (Claude, OpenAI, Grok), vector databases, fine-tuning

Cloud & DevOps: AWS (Lambda, ECS, S3, DynamoDB, API Gateway), Azure DevOps, Docker, Kubernetes, Terraform, Serverless Framework, CI/CD

Databases: PostgreSQL, MongoDB, SQL Server, MySQL

Messaging: Apache Kafka, RabbitMQ

Observability: Kong, Grafana, Prometheus, AWS CloudWatch, Datadog

WORK EXPERIENCE

Software Engineer

Bradesco. (via Capgemini) | December 2025 – Present | São Paulo, BR

Working on the Identity team, responsible for building and maintaining large-scale IAM (Identity and Access Management) systems that support a platform with over 20M users.

- Contributing to the development and evolution of identity and access flows, ensuring secure and seamless authentication and authorization across distributed systems.
- Designed and maintained robust backend services using Java and Spring Boot, focused on high availability, scalability, and security.
- Developed and optimized APIs responsible for identity lifecycle management, ensuring performance under high request volumes.
- Applied best practices in software engineering, including Clean Architecture, DDD, and automated testing, to ensure code quality and maintainability.
- Collaborated on system integrations and security-focused initiatives, directly impacting access control and user experience across the platform.

Technologies: Java, Spring Boot, IAM, OAuth2, OpenID Connect, JWT, Microservices, Distributed Systems, REST APIs, CI/CD

Software Engineer

Vivo (via Mutante) | August 2025 – December 2025 | São Paulo, Brazil

Responsible for developing new features and establishing development guidelines for frontend and backend applications.

- developed new features and maintained APIs and web applications using React, Java, and Node.js, focusing on scalability, performance, and code quality.
- Built and maintained backend services and BFF layers to support customer-facing platforms and internal systems.

- Worked on projects involving access security, user authentication flows, invoice management, and phone number update processes across distributed systems.
- Contributed to frontend development and responsive interfaces, improving user experience and operational efficiency.
- Applied best practices such as unit testing, clean code, and software design patterns to ensure maintainability and reliability.
- Collaborated in troubleshooting and resolving high-impact production issues, including connectivity and platform stability problems affecting end users.

Technologies: *Java, Node.js, React, Microservices, REST APIs, BFF Architecture, SQL, Unit Testing, Git, CI/CD*

Full Stack Engineer

Gaming Innovators | January 2024 – September 2025 | São Paulo, Brazil

Responsible for developing and maintaining scalable backend services and frontend applications for international projects and payment platforms.

- Developed and maintained microservices using NestJS, PHP, and Laravel, focusing on scalability, maintainability, and performance.
- Built responsive frontend applications with React, delivering modern and user-friendly interfaces.
- Designed and integrated APIs across microservice and monolithic architectures, ensuring secure and reliable communication between systems
- Developed cross-platform mobile applications using React Native for international clients across the US, Spain, and Mexico.
- Contributed to payment platforms handling thousands of monthly transactions, focusing on transaction reliability, security, and performance.
- Collaborated with distributed teams to deliver business-driven solutions aligned with client requirements and user experience best practices.

Technologies: *NestJS, PHP, Laravel, React, React Native, Microservices, REST APIs, SQL, Payment Systems, Git, LangChain, LLM*

Full Stack Engineer

Gevtech | January 2023 – September 2024 | São Paulo, Brazil

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Technologies: *NestJS, PHP, Laravel, React, React Native, Microservices, REST APIs, SQL, Payment Systems, Git, LangChain, LLM*

EDUCATION

Bachelor's in Computer Engineering

Esamc | August 2019 – August 2024 | São Paulo, Brazil

CERTIFICATIONS

- Arquitetura de Software & Design de Sistemas Modernos
- Microsserviços Java com Spring Boot e Spring Cloud
- Arquitetura de Microsserviços: Padrão Saga Orquestrado
- Azure Pipelines - CI/CD, Docker e Kubernetes no Azure DevOps
- Testes automatizados na prática com Spring Boot

LANGUAGES

English – Advanced **Portuguese** – Native