

Maria Olívia Cassucci

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Professional Summary

Full Stack Software Engineer experienced in developing web applications and SaaS platforms, taking systems from ideation and architecture through to frontend, APIs, and data modeling. Specialized in the TypeScript ecosystem with strong expertise in **React**, **Next.js**, **Nest.js**, and **PostgreSQL**. Skilled in building modular architectures, reusable design systems, RESTful APIs, and scalable solutions prioritizing security, maintainability, and high performance. Proven track record in healthcare and fintech products, as well as founding and leading full-stack engineering at ANIMAPS—a platform dedicated to responsible pet adoption and centralized rescue operations. Bridges technical rigor with strong product sense and UX/UI principles.

Experience

ANIMAPS

Founder & Full Stack Developer

Remote

Mar 2026 – Present

- Spearheaded conception, system design, and full-stack development of ANIMAPS, a platform centralizing pet adoption, NGO operations, and veterinary services.
- Defined software architecture and core technical guidelines, establishing an extensible codebase prepared for continuous delivery, scalability, and third-party integrations.
- Engineered full-stack modules using **Next.js**, **Nest.js**, **TypeScript**, and **PostgreSQL**, seamlessly uniting user interfaces, business logic, APIs, and data persistence layers.
- Designed a modular backend architecture in Nest.js, enforcing clear separation of concerns, high cohesion, and low coupling to streamline code maintainability.
- Modeled the relational PostgreSQL database schema, supporting core domains including adopters, shelters, professionals, and geo-referenced incident reporting.
- Built responsive, accessible frontend interfaces with Next.js, emphasizing component-driven development, code reusability, and visual consistency.
- Defined API contracts and integrated RESTful endpoints across client and server boundaries, decoupling presentation from domain logic.
- Owned the complete product lifecycle from technical specifications and UX/UI alignment to cloud infrastructure and production deployment.

Entrega Contínua

Junior Full Stack Developer

Remote

Feb 2026 – Sep 2026

- Developed full-stack features for Sinaxys, an international talent acquisition and workforce platform connecting healthcare professionals to the German market.
- Created dynamic, high-performance interfaces using **React**, **TypeScript**, and **Tailwind CSS**, implementing modular components and design system tokens.
- Integrated and maintained mission-critical **Stripe** payment flows, ensuring strict transactional consistency, security, and webhook synchronization.
- Built workflow automations using **N8N** to orchestrate internal services, reduce manual operational overhead, and connect asynchronous events.
- Worked with **Supabase** and serverless edge infrastructure to ensure high availability, structural data integrity, and performant querying.
- Actively contributed to codebase evolution, peer code reviews, continuous refactoring, and bug fixes across distributed micro-services.

KasbHealth

Full Stack Developer

Remote

Dec 2025 – Feb 2026

- Delivered end-to-end features for KasbHealth, a SaaS platform for clinical electronic health records (EHR) and sensitive patient data management.
- Architected backend services in **Nest.js** and **TypeScript**, delivering a strongly-typed, modular, and maintainable RESTful API layer.
- Modeled PostgreSQL schemas capturing scheduling workflows, medical records, diagnostic entries, and compliance requirements.
- Built accessible, patient-centric frontend interfaces using **React** and **Next.js**, prioritizing intuitive workflows for

healthcare providers.

- Enforced layered architectural boundaries to isolate business rules from presentation layers, maximizing testability and future feature extensions.
- Applied strict data integrity, access-control policies, and engineering best practices tailored to sensitive healthcare regulatory environments.

OdiNetwork

Front-End Developer Intern

Remote

Apr 2025 – Feb 2026

- Developed and maintained frontend systems across the OdiNetwork ecosystem, focusing on performance, modularity, and continuous delivery.
- Built reusable UI component libraries and contributed to internal Design Systems using **React**, **Next.js**, **TypeScript**, and **Tailwind CSS**.
- Architected responsive layouts prioritizing reusable patterns, cross-browser compatibility, WCAG accessibility, and maintainability.
- Converted complex Figma specifications into production-ready code with pixel-perfect fidelity and smooth user interactions.
- Contributed to document automation and financial tooling, including digital signature platforms and internal resource management utilities.
- Supported SaaS applications such as **OdiN Docs**, **OdiN Sign**, and **Hub GPS**, as well as cross-platform mobile initiatives built with Expo.

Technical Skills

- **Languages:** TypeScript, JavaScript, SQL
- **Front-End:** React, Next.js, Tailwind CSS, HTML5, CSS3
- **Back-End:** Node.js, Nest.js, RESTful APIs
- **Databases:** PostgreSQL, MySQL, MongoDB
- **ORMs / ODMs:** Prisma, TypeORM
- **Cloud & Infrastructure:** Supabase, Serverless Architecture, Edge Functions
- **Integrations:** N8N, Stripe, Third-Party REST APIs
- **Software Engineering:** Software Architecture, Componentization, Modular Architecture, Data Modeling, Design Patterns, Code Review, CI/CD, QA Testing
- **Design & UI/UX:** Figma-to-Code, Responsive Web Design, Web Accessibility (WCAG), Design Systems
- **Methodologies:** Agile, Scrum, Kanban
- **Languages:** Portuguese (Native), English (Intermediate), Spanish (Advanced)

Education

Universidade do Estado de Minas Gerais (UEMG)

Bachelor of Science in Information Systems

Passos, MG, Brazil

2024 – 2027 (Expected)