

# MARCELO MAFRA DE MOURA

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**Web:** [www.marcelomafra.dev.com.br](http://www.marcelomafra.dev.com.br) | **LinkedIn:** [www.linkedin.com/in/marcelomafra.dev](https://www.linkedin.com/in/marcelomafra.dev)

## Professional summary

Experienced full stack developer with expertise in system architecture and microservices, leveraging Node.js for scalable solutions. Proficient in asynchronous communication using RabbitMQ, gRPC integration, and event handling with advanced caching techniques. Skilled in data persistence through TypeORM and containerisation with Docker, ensuring robust application performance. Adept at process orchestration using PM2 and integrating payment platforms seamlessly. Demonstrates strong front-end capabilities with responsive interface design, React, Next.js, and mobile application development. Combines UI/UX best practices with proficiency in Tailwind CSS, Chakra UI, SCSS, and CSS to deliver intuitive user experiences. Experienced in animation using Framer Motion and internationalisation through i18n for global reach.

## Work history

### Full Stack Dev | NestJS • Next.js • React Native

Dec 2023 - Current

Postpay

Remote

- Developed and maintained applications using Node.js and NestJS within microservices architecture.
- Managed processes using PM2 for optimal application performance.
- Orchestrated environments with Docker to enhance deployment efficiency.
- Developed and maintained applications using Node.js and NestJS within microservices architecture.
- Implemented inter-service communication through RabbitMQ and gRPC, ensuring reliable data exchange.
- Created web interfaces and administrative panels with React and Next.js, utilising Tailwind CSS and Chakra UI.
- Produced mobile applications with React Native, focusing on municipal tax payment solutions.
- Integrated i18n for internationalisation and Framer Motion for animations in web projects.
- Leveraged Redis for caching and event handling to optimise performance.

### Full Stack TypeScript Developer

Aug 2023 - Dec 2023

Mince Joias

Remote

- Implemented secure authentication and authorisation with NextAuth 5 and Prisma Adapter, managing database efficiently with Prisma ORM and PostgreSQL.
- Developed and maintained full stack application using TypeScript, Next.js 14, React 18, and Tailwind CSS with optimised SSR architecture.
- Led development of Mince Joias, a comprehensive e-commerce platform prioritising user experience and technical robustness.
- Created core e-commerce functionalities including product catalogue, shopping cart, checkout, and integrated payment processing via Mercado Pago and Stripe.
- Facilitated image uploads and management through AWS S3.
- Designed dynamic administrative dashboards using TanStack React Table for streamlined order, product, and user management.
- Developed reusable components employing Radix UI and integrated animations with Framer Motion.
- Configured CI/CD processes and established coding standards with ESLint, Prettier, Husky, ensuring clean code.

## Skills

- Full stack development (Node.js, React, Next.js)
  - System architecture and microservices design
  - Asynchronous communication (RabbitMQ, gRPC)
  - Data persistence with TypeORM
  - Containerization with Docker and process management with PM2
  - Payment platform integration
  - Responsive UI development with Tailwind CSS, Chakra UI, SCSS
- Strong problem-solving and analytical thinking
  - Autonomous and self-driven, delivering projects end-to-end
  - Effective communicator in cross-functional teams
  - Proactive learner, continuously researching new technologies
  - Detail-oriented, emphasizing clean, maintainable code
  - Adaptable to fast-changing environments and requirements

Education

Technologist Degree: Systems Analysis and Development (ADS)  
University of Vale do Itajaí (Univali)

Jan 2025 – Current  
São José, Santa Catarina, Brazil

Languages

Portuguese  
  
Native

English  
  
Intermediate