

MARCOS VINÍCIUS DOS SANTOS

SOFTWARE ENGINEER | SCALABLE WEB PLATFORMS, NEXT.JS, REACT, TYPESCRIPT, NODEJS

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SKILLS

- React, Next.js
- JavaScript (ES6+), HTML5, CSS3
- Performance optimization (Core Web Vitals, bundle splitting)
- SEO for Web applications
- i18n (Internationalization)
- Component-driven architecture (Design Systems)
- Jest, React Testing Library
- Datadog, Sentry, GA
- Backend: Node.js, Java, PHP, REST APIs

PROFESSIONAL EXPERIENCE

Full Stack Developer - Centro Terapêutico Persev

Jan 2025 - Present

- Designed and developed internal fullstack systems using Node.js, MySQL, and web frontend technologies to replace manual spreadsheet-based workflows.
- Architected backend services and database structures to centralize operational data and improve data integrity.
- Automated administrative workflows, significantly reducing manual processing and operational errors.
- Built internal web dashboards and interfaces to improve business operations and productivity.
- Conducted continuous technical research and experimentation to enhance automation and system architecture.

Independent Technical Research & Personal Projects

Aug 2024 - Dec 2024

Frontend Engineer - Grupo SBF (Centauro, Nike, Fisia)

Jul 2022 - Aug 2024

- Migrated legacy CRA applications to Next.js, standardizing architecture and improving performance and maintainability.
- Deployed frontend services using Kubernetes on Google Cloud Platform (GCP) for scalable infrastructure.
- Implemented monitoring and cost optimization using Datadog, Sentry, Google Analytics, and GCP financial reports.
- Ensured code quality with end-to-end testing (Playwright) and unit tests (Jest).

Frontend Developer - Codeminer42

Mar 2021 - Jul 2022

- Worked on production codebases using Vanilla JavaScript and jQuery to maintain and extend dynamic web applications.
- Collaborated with a California-based product team to deliver frontend features for enterprise customers.
- Contributed to internal React initiatives and modern frontend architecture experiments.

Full Stack Developer (Contract) - Solvelight

Jan 2021 - Jul 2021

- Designed and developed a full-stack financial management system for a retail business, including dashboards, reports, and accounts payable/receivable modules.
- Architected PostgreSQL relational schemas to ensure data integrity and scalability for financial operations.
- Developed RESTful APIs with Node.js and Express and a React-based frontend with centralized state management using Context API.
- Built analytics dashboards to visualize sales data and financial metrics in multiple formats.
- Containerized services with Docker to standardize environments and streamline deployment workflows.



Full Stack Developer - Mouts IT/Philips

Jun 2020 - Mar 2021

- Developed web features for the Philips Tasy EMR platform using JavaScript and AngularJS during the migration from legacy Delphi desktop to web-based architecture.
- Implemented clinical workflow modules and UI components to improve usability and efficiency for healthcare professionals.
- Modeled and integrated clinical data flows based on the Tasy framework and system design specifications.
- Collaborated with backend teams working with Java 8, Spring, and Tomcat, occasionally implementing backend fixes and adjustments when required.
- Investigated and debugged full-stack issues across frontend and backend layers to ensure system stability and performance.

Frontend Software Engineer - Velow

Mar 2018 - Abr 2020

- Developed single-page applications using AngularJS and React, implementing enterprise UI frameworks (Material Design, Ant Design).
- Built dashboards and reports integrated with Ruby on Rails APIs to visualize operational data.
- Designed scalable frontend architectures with Redux and modern JavaScript (ES6+), improving maintainability and performance.
- Collaborated with Product Owners to translate business requirements into technical solutions.
- Mentored a small frontend team, improving code quality and delivery velocity.

Full Stack Developer - RKAM IT/Ambev

Jul 2017 - Mar 2018

- Developed and maintained enterprise web applications for Ambev, delivering backend and frontend features for internal business systems.
- Built backend services and APIs using PHP frameworks (Slim, Silex, CodeIgniter).
- Implemented frontend features using AngularJS, HTML5, and CSS.
- Optimized MySQL queries and stored procedures to improve performance, reliability, and maintainability of enterprise systems.
- Issued and managed financial and operational documents (invoices, billing statements, NFSe), ensuring accurate records and compliance.
- Documented system architecture and functional specifications to support development workflows and maintenance.

Software Developer - Multitherm Sistemas e Automação

Jul 2014 - Jul 2017

- Optimized Firebird SQL queries and ERP data pipelines to improve system performance.
- Developed internal business tools using PHP and JavaScript to automate financial and operational workflows.
- Built enterprise reporting systems using JasperReports and QuickReport for analytics and business insights.
- Integrated ERP software with industrial hardware (thermal printers and scales) for real-time operational workflows.
- Deployed and maintained Linux and Windows server environments, including networking, firewall, and backup configurations.
- Provided production support, diagnosing and resolving enterprise customer issues remotely.

EDUCATION

- Languages: Portuguese, English, Spanish
- React Fundamentals - Rocketseat (2026)
- Programming Fundamentals - Rocketseat (2025)
- Certifications: English C1 - EF SET (2025)
- ReactJS Developer Roadmap - Caelum/Alura (120hrs)
- AngularJS Developer Roadmap - Caelum/Alura (30hrs)
- ADVANCED JAVASCRIPT I, II, III: ES6 - Caelum/Alura (50hrs)
- JBoss EAP 5 - Udemy (13hrs)

