

Márcio Monte

Software Engineer & Product Strategist

marcioomonte@gmail.com

+55 85 99959-0578

Fortaleza, CE — Brazil

Specialized in transforming complex business problems into scalable systems. Focus on operational ROI, intelligent AI automation, and high-availability serverless architectures.

EXPERIENCE

Staff Software Engineer (AI Strategy)

Jul 2025 - Present

TrueLogic / Vector Solutions

Technical leadership in product stack modernization via Generative AI. Focus on 'vibe coding' architecture to accelerate time-to-market and transform legacy applications into intelligent copilots.

- › Drastic reduction in time-to-value for new features through high-impact POCs and MVPs.
- › Defined architectural standards for LLM integration into large-scale critical systems.

Full Stack Engineer (Critical Systems)

Aug 2024 - Mar 2026

BairesDev / Myriad Genetics (USA)

Development of high-precision systems for genetic testing. Strategic integration of healthcare data following strict interoperability standards (FHIR/HL7 v2).

- › Implemented scalable APIs for sensitive genetic data management with 100% regulatory compliance.
- › Optimized data flows between heterogeneous US public and private healthcare systems.

Senior Backend Engineer

Apr 2023 - Aug 2024

BairesDev / GAS Inc. (USA)

Platform engineering for industrial environmental monitoring. Use of proprietary AI to reduce regulatory friction in pollutant emissions (Oil & Gas).

- › Accelerated environmental compliance via automated AI-driven report analysis pipeline.

Tech Lead - Integrations & ROI

Jan 2020 - May 2025

Suthub (Fintech/Insurtech)

Leadership of a multidisciplinary squad focused on operational efficiency and serverless scalability. Management of massive integrations between sales channels and insurance companies.

- › 30% reduction in infrastructure costs and latency through strategic migration to AWS Lambda/S3.
- › Automation of manual data flows, freeing up 40% of technical capacity for new products.

Full Stack Engineer

Mar 2019 - Dec 2020

Proabakus - EasyAssist

Development of ERP/CRM systems for Retail and Food Service, focusing on frontend scalability and database performance.

- › 20% increase in customer satisfaction through UX and response performance improvements.

IoT Systems Developer

Feb 2013 - Aug 2017

Hexa Systems (IoT & Energy)

Embedded systems engineering and real-time monitoring for smart grids.

- › Reduced downtime in critical energy systems through automation and predictive monitoring.

TECHNICAL SKILLS

Languages

Python · JavaScript · TypeScript · C · PHP

Frameworks & Libs

Next.js · FastAPI · Django · NestJS · Express · React

Data & Persistence

PostgreSQL · MySQL · MongoDB · DynamoDB · Redis

Infra & Cloud (AWS)

AWS Lambda · S3 · Docker · Kubernetes · Terraform · CI/CD · CloudWatch

EDUCATION

IFCE — Instituto Federal do Ceará

Technology in Industrial Mechatronics · Fortaleza, CE