

Vitor Mascarenhas

Software Engineer | Full-stack | Typescript | Node.js | React.js | Docker

Teresina, Piauí,

Brazil

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EXPERIENCE

MHV SOFTWARES, Brazil — Full-Stack Software Engineer - Freelance

JAN 2025 - PRESENT

Deployed Docker-containerized applications on VPS with Caddy, achieving **99.99% uptime** and reducing deployment latency **65%**.

Delivered high-performance client web apps with scalable APIs, cutting page load time **48%** and boosting engagement **2.4x**.

Integrated **AI/LLM automation** to optimize sales funnels, increasing efficiency **70%** and reducing manual work **85%**.

Built low-latency RESTful APIs in TypeScript/JavaScript, improving throughput **3.2x** under peak load.

Implemented cloud-backed storage using **AWS S3**, **Firebase**, and distributed VPS caching, reducing retrieval latency **54%**.

Maintained open-source tools for Docker deployments, CI-ready APIs, and AI productivity workflows.

100 Devs, USA — Full-Stack Software Engineer

DEC 2024 - PRESENT

Built scalable full-stack systems (Node.js, React) deployed across **AWS EC2**, **AWS S3**, and **GCP Compute**, improving system performance significantly.

Implemented automated **CI/CD** and containerized rollouts, reducing deployment cycles from hours to minutes.

Developed Docker microservices and optimized reverse proxy layers, reducing cold-start times **46%** and improving reliability.

Added real-time monitoring and cloud analytics, lowering incident rates **33%**.

Integrated **AI/LLM automations** to enhance UX, user engagement, and smart client interactions.

Leam Solar, Brazil — Co-founder & CEO

SEP 2021 - DEC 2024

Founded and scaled a solar company to **R\$8M (~US\$1.7M)** revenue in four years through data-driven and AI-enhanced operations.

Led Engineering, Sales, and Marketing teams (20+ employees), driving consistent multi-year growth.

CONTACTS

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Portfolio:

[Dev.vitormascarenhas.online](#)

[as.online](#)

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[r-mascarenhas](#)

[github.com/vitormasc](#)

[sc](#)

SKILLS

HTML

CSS / Tailwind

CSS

Javascript

Typescript

React / Next.js

React Native

Node

MongoDB

PostgreSQL

MariaDB

Docker

OOP

EDUCATION

Bachelor's Degree in Engineering

Built internal JavaScript automation tools reducing proposal time **90%**, project workflow latency **75%**, and increasing operational throughput **4.1x**.

Developed AI-powered integrations with ClickUp, 3CPlus, and Pipedrive, reducing lead response time **95%** and improving ROI **55%**.

Built real-time cloud dashboards (AWS S3 + Firebase) for sales and operational KPIs.

Launched an **AI-driven sales assistant**, boosting team performance **15%** and cutting initial client response time **90%**.

EDUCATION

Federal University of Campina Grande, PB, Brazil — *Bachelor Degree in Engineering*

JUN 2018 - JUN 2021

Federal University of Ceara, CE, Brazil — *Bachelor Degree in Engineering*

JAN 2016 - JUN 2018

PROJECTS

Study timer app — [Live website](#)

A productivity app designed to help you hit your goals! It features time and goal tracking, downloadable dashboards to visualize your study habits, and support from Foxy AI to keep you motivated with helpful insights — all aimed at helping you stay consistent and achieve your objectives

Open Source SaaS Starter Kit — [Source Code](#)

A MERN-stack SaaS starter kit featuring full authentication (Google and local), password recovery, email confirmation, Stripe payments, user management, and a polished UI with dark/light mode — everything you need to kickstart your next subscription-based SaaS app in no time!

Code To Text Ai — [Source Code](#)

A command-line application that helps developers condense code from the same directory into a single text file, making it easier for LLMs to process and understand the codebase, provide more accurate answers, and gain more context on small projects — all without the high cost of using API calls to read your files multiple times.