



Diego Machado

Senior Software Engineer

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📍 Vila Nova de Gaia, Portugal

I am an accomplished Software Developer with a strong blend of creativity, technical expertise, and strategic thinking. I excel at delivering innovative, forward-looking solutions that align with company objectives while ensuring long-term scalability and impact. Known for my collaborative approach and strong interpersonal skills, I foster productive team environments that drive success. With a proactive mindset and dedication to excellence, I continuously adapt to new challenges, embrace emerging industry trends, and approach every project with enthusiasm and precision.

Skills

Front-end

HTML, CSS, Styled Components, Material UI, Tailwind, Storybook, Javascript, Typescript, React, Redux, Zustand, Next, Vite, React Native, Expo, Jest, Cypress, Playwright, React Testing Library, Rest, GraphQL, Apollo, Websockets.

Back-end

Node, Express, SQL, NOSQL, MySql, Postgres, Mongo, Prisma, Drizzle, Sequelize, Mongoose, Vercel, AWS, Azure, GCP, Docker, Convex.

Language

Portuguese
English

Native
Fluent

Education

ESAMC (JAN 2010 - DEC 2015)
College - Marketing and Advertising

ROCKETSEAT (SEP 2018 - APR 2019)
Bootcamp - GoStack, Ignite

Experience

Datacamp (USA)

July 2024 - Current

Senior Software Engineer

I've been working on the team responsible for logged-out users, focused on increasing conversions. My key contributions include implementing two automations for manual promo campaign processes that streamlined operations, reducing log costs by 80% for one of our microservices, and refactoring a key service for promotional campaigns to improve performance and maintainability. I also refactored and standardized our SEO component in the core application to better control page indexation, and enhanced the core application's UI while fixing critical bugs.

Tech stack: React, Next, TypeScript, Design System, Strapi, Node.js, NestJS, PostgreSQL, AWS, Cloudflare.

The Community Company (USA)

Jan 2021 - July 24

Senior Software Engineer

Engaged in collaborative efforts across four projects, with a core emphasis on refining and optimizing two key products: a white-label social network platform and its administrative interface. Subsequently, worked on migrating from these legacy systems to architecting and implementing ground-up revisions for enhanced performance and functionality.

Tech stack: React, React Native, Node, Expo, GraphQL, Convex, Apollo, Material UI, Tailwind, Next, Typescript, Google Cloud Platform.

Hospital Albert Einstein (BRA)

Mar 2020 - Jan 2021

Senior Software Engineer

I made significant contributions to three projects. This included the development of a robust management system for colleges, facilitating streamlined operations in class management, payments, and scheduling. Additionally, I played a key role in crafting a versatile parking system microservice to enhance operational efficiency across the company's applications. Furthermore, I collaborated on the refactor of an intranet platform, empowering stakeholders with seamless communication and information exchange capabilities.

Tech stack: React, Node, Typescript, GraphQL, Redux, Rest API, Material UI, Styled Components, Next.

Sciensa (BRA)

Jun 2019 - Mar 2020

Senior Software Engineer

I contributed my expertise to two distinct projects. Firstly, I played a pivotal role in building the web application for a prominent broker company. My focus centered on crafting the wallet view, empowering users with access to their investments and providing insightful charts for analysis. Additionally, I worked with a leading insurance company in Brazil, spearheading the development of an administrative platform to efficiently manage the organization's extensive range of products.

Tech stack: React, React Native, Material UI, Styled Components, Storybook, Redux.

Softvaro (BRA)

May 2019 - Jun 2019

Software Engineer

I was involved in developing a web and mobile solution aimed at tracking trucks for a delivery company. This project entailed designing and implementing functionalities to monitor the movement and logistics of the company's fleet, ensuring efficient and effective delivery operations.

Tech Stack: React, React Native, Material UI.

Clastech

Oct 2018 - May 2019

Software Engineer

I contributed to maintaining and refactoring a legacy codebase for a white-label kiosk system used in self-service restaurants. I took charge of revamping the existing codebase, transitioning it to React to improve performance, maintainability, and scalability. This involved meticulous refactoring and optimization efforts to enhance the system's functionality and user experience while ensuring seamless integration with modern technologies.

Tech Stack: jQuery, Javascript, HTML, CSS, React.

DevSkin

Aug 2016 - Sept 2018

Software Engineer

I expanded my expertise by working on both basic and more complex websites, with a significant emphasis on utilizing React for development. In addition to crafting landing pages and simple websites, I tackled more intricate projects that required advanced functionality and interactivity. Leveraging the power of React, I implemented dynamic features and responsive designs to create modern and engaging web experiences for clients.

Tech Stack: HTML, CSS, jQuery, Javascript, React, Node

Soft For Life

Feb 2015 - Jun 2016

Junior Software Engineer

My primary focus was on creating landing pages and basic websites. I utilized my skills in front-end development to design and develop visually appealing and user-friendly interfaces that effectively conveyed the brand's message. Through collaboration with designers and stakeholders, I delivered high-quality websites tailored to meet the specific needs of clients, ensuring a seamless user experience.

Tech Stack: HTML, CSS, jQuery