Matheus Felizardo, Software Engineer

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LINKS

Website, Linkedin, Github

SUMMARY

Software engineer with 5+ years of experience in web development, focused on front-end (React, TypeScript, Vue/Nuxt) and with back-end experience in Node.js/NestJS and PostgreSQL (master's thesis and personal projects). Working remotely with a US-based team since 2022, delivering websites and web applications for the pharmaceutical and healthcare sector. MSc in Software Engineering from the University of Porto. Seeking a Software Engineer role on a product team with a focus on architecture and growing technical responsibility.

EXPERIENCE

Apr 2022 — Present

WEB DEVELOPER, Envivent — California - Remote

I build websites and web applications for the pharmaceutical and healthcare sector on a remote, US-based team, implementing agency-provided designs with Drupal, WordPress, Twig, React, Vue/Nuxt and SASS.

Tech Skills: React.js · Vue.js · Nuxt · JavaScript · Drupal · SASS · Styled-components · Tailwind · Docker · Twig · ZURB Foundation · WordPress

Jun 2021 — Mar 2022

SOFTWARE DEVELOPER, Intelie — RIO DE JANEIRO

Developed a real-time data analytics product in a Scrum team using React, TypeScript, Highcharts and styled-components, integrating the front end with REST APIs.

Tech Skills: React.js· Typescript· SCRUM· Highcharts · API REST · React Hooks · Java · Styled-components

Oct 2020 — Jun 2021

FRONT-END DEVELOPER, Inforce — RIO DE JANEIRO

Built websites for real estate agencies, integrated with a Laravel back end and following defined layouts. Features included property search with filters, a property gallery and a blog.

Tech Skills: JavaScript · SASS · HTML · Twig · API REST · Laravel

PROJECTS

CAPE-KIDS, master's thesis

Web platform for researchers to create and run cognitive tasks that assess executive functions in children aged 5 to 9, developed at the University of Porto. Visual timeline-based experiment editor (React Flow), with an in-browser execution engine modeled as a state machine, extensible triggers (Command pattern) and reaction-time measurement with performance.now(). NestJS REST API with Zod validation in a library shared with the front end, OpenAPI docs generated from the schemas, JWT authentication and Jest tests on critical modules. Deployed on Vercel and Railway. Stack: Next.js, React, TypeScript, NestJS, PostgreSQL, Zod, React Flow and Zustand.

ARCKDOC, personal project (in development)

Platform for creating and approving PDFs from templates, individually or in bulk, issued through a public API with webhooks for status updates. Template versioning with SemVer tied to data compatibility, Zod-validated statuses, publishing and archiving of the previous version in the same transaction with a template lock, segregation of duties (authors cannot approve their own version) and an audit log. Per-customer webhook that reports the completion of each PDF or batch (download link or errors) and optional storage in the customer's own bucket (AWS or Cloudflare). Stack: Next.js, React, NestJS, PostgreSQL, Redis, BullMQ.

EDUCATION

Sep 2023 — Jul 2025

MSc in Software Engineering, University of Porto

Porto, Portugal

Focus on software engineering, with the CAPE-KIDS thesis project (React, TypeScript, NestJS, PostgreSQL): a web platform for assessing executive functions in children, with a paper accepted at IEEE SEGAH 2025. The program emphasized teamwork, communication and leadership.

Jan 2014 — Jun 2017

BSc in IT Management, ESTÁCIO DE SÁ

Rio de Janeiro

Combined IT technical knowledge with business management skills, preparing graduates to lead IT projects and teams.

SKILLS

React.js | Next.js

Vue.js | Nuxt

Javascript | Typescript

Node.js | NestJS

CSS | SASS | Tailwind

PHP | Laravel | Drupal

PostgreSQL | MySQL | Redis

HTML | Twig | Nunjucks

Agile Methodology

WordPress

Figma

Git

Docker

LANGUAGES

Portuguese — Native

English — Advanced