



Matheus Grilo

Front-End Developer
Rio de Janeiro, Brazil

With over a decade of front-end experience, I've delivered solutions for companies like Petrobras, Ernst & Young, Magazine Luiza, and the Government of Rio de Janeiro. Skilled in React, Vue, Angular, and Next.js, I specialize in crafting responsive, high-performance interfaces. Holding a postgraduate in System Analysis from PUC-RJ, I've also taught at Infnet Institute. My journey includes headless CMS integrations, blockchain initiatives, and AI-driven platforms, elevating UX and performance across enterprise and public-sector projects.

Contact Info

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Main Skills

JavaScript
Next.js
React
Vue
Angular

Work Experience

Ernst & Young/Petrobras

Front-End Specialist

Oct 2023 – Present

Maintenance and optimization of the road, pipeline, rail and future freight platform for the Petrobras portal focused on routes and distance/price calculations. My role includes ui, testing, performance optimization, and route simulation using React and some of Python.

- Development the enhancement and optimization of Petrobras' multi-modal freight platform, focusing on route optimization and pricing algorithms.
- Collaborated in a cross-functional team to deliver robust and scalable solutions for complex logistical challenges.
- Implemented responsive design principles to ensure seamless user experience across various devices.

Infnet Institute

Teacher (Part-Time)

Aug 2023 – Present

Professor of Front-End development at Infnet, Rio de Janeiro. Teaches semester-long bootcamps focused on HTML5, CSS3, JavaScript, and React.

- Spearheading extension courses and bootcamps, focusing on the latest front-end technologies.
- Mentored aspiring developers, fostering a hands-on learning environment.

Grilo Tech Consulting

Front-End Consultant | Independent Contractor

May 2023 – Present

As a front-end consultant, I provide specialized development services for multiple clients, focusing on React, Next.js, Vue.js, and UI/UX improvements. My expertise includes headless CMS integrations (Contentstack, Sitecore), scalable UI architecture, and performance optimization.

Key Clients:

- **Arke** – Front-End Architect: Developed scalable applications using Next.js and Azure. Integrated Contentstack and Sitecore for headless CMS solutions.
- **Kbase** – Senior Front-End Developer: Led enterprise system development using React, Ant Design, and Azure-based infrastructure.
- **TO Brasil** – Senior Front-End Developer: Built the RioCard CMS with Vue.js, TypeScript, and AWS.
- **FASOLTI** – IT Solutions Factory – Angular Developer: Contributed to web application development using AngularJS, Node.js, and Google Material Design.

Education

PUC

Postgraduate Diploma · (2013)

Analysis and Design of Systems

Estácio de Sá University

Advanced Diploma · (2009)

Graphic Design

Licenses & Certifications

- Mobile Sites – Google
Partner- License: 32894883
 - Contentstack
Implementation Certification
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Courses

- React
- React Native
- Next.js
- Vue.js (Vuex, Nuxt)
- Angular
- TypeScript
- JavaScript
- AWS
- Git
- Google (Ads, GTM, Analytics)
- ContentStack
- Ruby on Rails
- PHP
- WordPress
- CSS preprocessors
- FlexBox
- HTML5
- Scrum
- Social Media Marketing
- Software Development Techniques
- English (Advanced B2/C1)

iCrop

Front-End Engineer (React & UX)

Aug 2023 – Jan 2024

Developed the front-end of an AI-powered irrigation management platform from scratch, using React 18 and TypeScript. Integrated satellite image data with interactive mapping through Leaflet and optimized performance with Next.js.

- Development of an innovative irrigation management platform, optimizing for high performance and scalability.
- Played a key role in the UX/UI design, ensuring a user-friendly and intuitive interface.
- Integrated advanced data visualization tools for real-time monitoring and management.

Magazine Luiza/Estante Virtual

Senior Front-End Engineer

Jan 2019 – Mar 2023

- Developed and maintained the marketplace platform using Vue.js, React Native, HTML5, CSS3, Git, Sass, and Google Tag Manager.
- Played a key role in the acquisition transition of Estante Virtual by Magazine Luiza, ensuring a smooth integration of front-end systems.
- Optimized performance and scalability using Vue.js, Nuxt, Next, Redux, and Vuex.
- Collaborated closely with back-end teams to ensure seamless API integration and platform functionality.

Stefanini/Oi

Senior React Developer

Set 2017 – Jun 2019

Development of B2C and B2B e-commerce allocated in main ongoing squads.

- Employed React, Redux, and a suite of modern web technologies to create engaging user experiences.
- Focused on responsive design and cross-browser compatibility to ensure accessibility and performance.

Government of the State of Rio de Janeiro

Principal Systems Analyst

Nov 2007 – Apr 2019

- Assisted in developing and maintaining institutional websites and systems, employing HTML, CSS, JavaScript, ASP, and PostgreSQL.
- Involved in setting up and managing web and proxy servers, and help desk systems on Linux and Windows platforms.
- Supported the enhancement of institutional CMS, improving user experience and administrative functionalities.

Languages

Portuguese (Native)
English (Advanced - B2/C1)

Citizenship

Brazilian
Portuguese

Projects

Chordia AI Assist

Desktop Application built with React and Electron

- Developed a robust desktop application using Electron and React, combining a rich user interface with advanced AI capabilities.
- Implemented real-time bidirectional communication using WebSockets, ensuring dynamic updates and seamless interactions.
- Integrated AI services with SDKs such as @deepgram/sdk and assemblyai for audio processing and generating intelligent responses.
- Utilized TypeScript, Webpack (with separate configurations for main and renderer processes), and Electron Builder to optimize performance and facilitate continuous deployment.
- Ensured code quality and consistency using ESLint, Prettier, and testing frameworks like Jest and React Testing Library.

Jedis/OM30

- Development of the OM30's Doc Simples contracts and documents management platform. The project includes the creation of a new design system as well as a range of digital signature functionalities.
 - API REST · TypeScript · React Native · Vue.js · Vuetify · Pinia

Revelo/Outlier

- Artificial Intelligence Trainer responsible for creating and validating prompts for the training and enhancement of AI, working directly on improving the accuracy and effectiveness of responses involving critical analysis, error pattern identification, and the proposition of corrections and adjustments in the input data.

State University of Rio de Janeiro

Mid-Level Systems Analyst

Apr 2014 – Nov 2015

- Participated in the development and maintenance of hospital systems using technologies such as HTML, XML, CSS, WordPress CMS, JavaScript, and PHP.
- Worked on database management, using PostgreSQL and MySQL, focusing on maintaining data integrity.

Junior PHP Developer

Mar 2011 – Mar 2014

- Supported the development and maintenance of various systems, mainly focusing on PHP, HTML, CSS, JavaScript, and PostgreSQL.
- Focused on writing clean code and developing user-friendly interfaces.

Safra Bank

- Responsible for the front-end development of the new institutional portal for managing recharges and benefits.
 - Azure · TypeScript · Styled Component · StoryBook · React

Riocard/Fetranspor

- Responsible for the front end of the creation of the new institutional portal of this Brazilian government agency.
 - AWS · API REST · TypeScript · Sass · React Native · Vue.js · Vuetify · TailWind

Blockchain

- I worked on multiple NFT projects during the period of 2021 and 2022. All were developed with React and React Native, consistently using hooks and integrating with restApi alongside the Ethereum network. Scripts for collection generation were also written in NodeJs and a lot of CSS was used to make everything look aesthetically pleasing. All of this was in collaboration with a team that included UX professionals and blockchain developers.
 - React · Redux · TypeScript · Sass · Node.js · API REST · AWS

Intelligent Requisite: Use-Case Spec. Manager

- Developed a system to manage use case specifications, enabling Requirements Analysts to define needs, translate them into requirements, and generate structured use cases.
 - Java · Hibernate · Spring · PrimeFaces