
Hello! I'm João Godinho, Software Developer.

Web Developer passionate about solving problems with code for over 4 professionally of which have been professional. I work across the spectrum of development, from frontend to backend, as well as automating reports and repetitive tasks with scripts. My mission is to solve problems through software.

Welcome to my website.

I'm a Brazilian software developer, passionate about solving problems with code since the age of 16, born in 2003. As a good developer, I love challenges and am always seeking new knowledge, constantly learning something new and applying it to real projects. My main goal as a developer is to generate value for people, whether by cutting costs through automating repetitive tasks or creating new business opportunities by developing a complete application, from frontend to backend. In my leisure time, I enjoy exercising and discovering new music and restaurants.

Education

- Bachelor's degree, Computer Science. (In progress)
UFPEl - Universidade Federal de Pelotas
 - Informatics Technician Integrated with High School. (Completed)
IFSul - Instituto Federal Sul-rio-grandense Campus Bagé
 - AWS Certified Cloud Practitioner
[View Certification](#)
 - JSNAD: OpenJS Node.js Application Developer
[View Certification](#)
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My skills

- NestJS
 - Node.js
 - MongoDB
 - PostgreSQL
 - TypeScript
 - GraphQL
 - AWS
 - React
 - Angular
 - Next.js
 - Jest
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Experiences

Full Stack Engineer

PMC Group One

Jul 2023 - Present

Houston, Texas, United States · Remote

- Design system and infrastructure decisions, aiming at optimizing costs and performance of applications, including the evaluation and selection of appropriate libraries and frameworks.
- Achieved significant cost reduction in cloud infrastructure, especially by optimizing the use of third-party services and APIs. A specific refactoring resulted in an annual cost savings of over 99% for that service.
- Successfully migrated the database from a VM to a specialized service, aiming for resilience and reliability, leveraging resources such as automatic backups and high availability.

- Optimization of existing APIs through cache strategies, database search enhancement, and refactoring of legacy code to facilitate maintenance.
- Implementation of CI/CD pipelines, build, and release in Azure DevOps for automated deployments, ensuring greater security and the ability to perform efficient rollbacks in case of incidents.
- Development of automated tests with Jest to ensure code quality.
- Generation of detailed reports for risk action management, using Node.js and Cronjobs.
- Development of scripts for automation in Linux environments.
- Contribution to projects, from backend to frontend, including infrastructure on Azure, MySQL, MongoDB, Node.js, and Redis.

Back End Developer

Paipe.co

Apr 2023 - Jul 2023

Campo Bom, Rio Grande do Sul, Brazil · Remote

- Working on the development of financial control applications used by partner company Calçados Beira Rio, a company with global presence, serving an extensive customer base and in operation for over 40 years.
- Contributing to the team by regularly performing pair programming and code reviews.
- Testing applications developed in a unitary, integrated, and end-to-end manner.
- Refactoring legacy code from other internal company applications, with the aim of improving quality and making code maintenance more agile and easy. In addition, before refactoring, adding automated tests to the application to ensure that behavior remains appropriate.

Tech Lead

Field Control

Jul 2022 - Mar 2023

São José do Rio Preto, São Paulo, Brazil · Remote

- Technical leader in charge of developing new features for the company's main products and also making technical improvements such as performance and code quality.

- Ensuring predictability of deadlines, quality in deliveries, and following market best practices regarding software. Applying to projects: Design Patterns, SOLID Principles, and improvements in software architecture.
- Contributing to the evolution of team colleagues by frequently performing pair programming.
- Developing new features that include from backend to frontend and even mobile applications.

Full Stack Developer

Field Control

Sep 2021 - Jul 2022

São José do Rio Preto, São Paulo, Brazil · Remote

- Development of new features, including interactive reports and charts.
- Unit, integration, and end-to-end testing (Jest, Cypress).

Web Developer Intern

Field Control

Jun 2021 - Sep 2021

São José do Rio Preto, São Paulo, Brazil · Remote

- Development of responsive frontend report pages and maintenance of main application features.

Technology Initiation Scholar

IFSul

Jul 2021 - Dec 2022

Bagé, Rio Grande do Sul, Brazil

- Development of educational material about HTML, CSS, and web fundamentals. Content used in classes for groups ranging from the 7th grade of elementary school to the 2nd year of high school.
 - Development of an application about the animals of the Southern Region of Brazil. With the aim of facilitating classes on the topic and making the content more relevant.
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Contact Information

Feel free to get in touch with me via email or through my social networks. I'm always open to meaningful connections and collaborations.

Blog

- [Algorithm Complexity Analysis PART I - Big O](#)
 - [Non-Functional Testing: Load and Stress Tests with K6](#)
 - [Load Balancing 101](#)
 - [Cloud Computing Basics: AWS Cloud Practitioner](#)
 - [Enhancing Technical Skills by Writing: Learn in Public](#)
 - [HTTP Caching 101](#)
 - [JavaScript Promises: Still Struggling with it? Here's your solution!](#)
 - [Data buffer](#)
 - [Base64 Encoding](#)
 - [Compiler, Transpiler and Interpreter](#)
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