Guilherme Spica Luiz

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About me

Fullstack software developer with 4 years of experience, specialized in the JavaScript ecosystem, focusing on React, Next.js, and Node.js. I have expertise in scalable architectures, high-performance user interfaces, and implementing software engineering best practices such as SOLID, Clean Code, and DDD.

I'm passionate about creating efficient and impactful solutions that enhance user experience and optimize processes. My approach prioritizes code quality, efficiency, and scalability, always aiming to add value to businesses and collaborate with multidisciplinary teams.

Work experience

CRM SYONET - Frontend Developer   Oct 2022 - Presente

Development and modernization of a sales CRM for the automotive market, used by over 100 dealerships across Brazil.

- Development of interactive and responsive web user interfaces using React.
- Refactoring legacy AngularJS modules to React, improving scalability and maintainability.
- Implementing reusable components using Material UI.
- Applying SOLID and Clean Code principles to keep the codebase organized, scalable, and easy to maintain.
- Configuration of CI/CD pipelines using GitHub Actions to automate deployment processes.
- Developing unit and integration tests, achieving 85% code coverage to ensure delivery reliability.
- Collaboration in an Agile environment (Scrum/Jira), contributing to continuous process improvement.
- Coordination with designers and back-end developers to transform business requirements into effective technical solutions.

Techs: React, Vite, TypeScript, Redux, Redux Toolkit, Material UI, Zod, Cypress, Vitest, Jest.

WANSOFT - Fullstack Developer   Jun 2021 - Oct 2022

Responsible for fullstack development of various web applications with different characteristics and objectives.

- Developed an internal HR platform using React and Node.js.
- Created an agnostic Design System for a PSP company dashboard, ensuring visual standardization and consistency.
- Implemented micro front-ends, improving system modularity.
- Development of microservices with Node.js, ensuring system efficiency and modularity.
- Developed and deployed scalable APIs using Node.js, Express, and PostgreSQL.
- Application of OOP (Object-Oriented Programming) along with DDD (Domain-Driven Design) for API development.
- Applied Design Patterns to optimize code organization and reusability.
- Migrated applications to a Clean Architecture approach, increasing modularity and responsibility separation.
- Collaboration with cross-functional teams in an Agile environment (Scrum/Kanban), contributing to continuous development process improvement.
- Active participation in code reviews and pair programming, promoting high-quality coding practices.
- Implemented unit and integration tests to ensure software quality and functionality.

Techs: React, Vite, Typescript, Next.js, TailwindCSS, Styled-components, Node.js, Express, TypeORM, PostgreSQL, Docker, Socket.IO, Cypress, Jest.

Education

Universidade La salle

Bachelor's Degree in Computer Science Aug 2024 - Ongoing

QI Escolas & Faculdades

Technical Degree in Information technology Apr 2019 - Sep 2021

Certifications

Rocketseat

React Track Apr 2023

Certificate ⤤

Alura

React TypeScript Track Sep 2022

Certificate ⤤