Contact

ruanmatos96@gmail.com

www.linkedin.com/in/ruan-matos
(LinkedIn)

Top Skills

Node.js

React.js

Oracle B2B Commerce/eCommerce
Cloud

Languages

Português (Native or Bilingual)

Inglês (Full Professional)

Certifications

Advanced Built-In Data Structures
and their Usage in Javascript

EF SET English Certificate 59/100
(B2 Upper Intermediate)

Formação NODE.JS

Formação React

Ruan Matos

Software Engineer | React | TypeScript | Node | Oracle CX
Commerce Specialist
São Paulo, Brazil

Summary

Front-End Software Engineer with 6+ years of experience delivering
scalable, high-performance e-commerce solutions using React,
TypeScript, Node.js, and Oracle Commerce Cloud (OCC).
Demonstrated expertise in system architecture, performance
optimization, and automation, with a track record of driving
measurable business impact and collaborating across cross-
functional teams in Agile environments.

At NSH Technologies, led the redesign of the Adyen-integrated
payment microservice, applying MVC and Clean Architecture
principles in Node.js/TypeScript. This initiative reduced processing
time by >50% (from 7s to 3s), improved error handling, and enabled
advanced monitoring, directly contributing to a smoother checkout
experience and increased conversion rates.

Automated the deployment of Server-Side Extensions (SSE) using
GitHub Actions, cutting deployment time per extension from ~15
minutes to ~3 minutes, improving release reliability and accelerating
delivery cycles as part of a CI/CD best-practice strategy.

Enhanced shipping cost calculation performance in the checkout
process, reducing OCC API requests by 46% (from 15 to 8) and
cutting step completion time by 50% (from 14s to 7s), resulting in a
faster and more efficient purchasing flow.

Integrated PIX payment method via Adyen, enabling new revenue
streams in Brazil, generating hundreds of thousands of BRL in
transactions. Strengthened platform security by integrating Google
reCAPTCHA Enterprise on front-end and back-end layers (Node.js,
Knockout.js).

Previously at Compasso UOL, maintained and optimized 9 OCC
websites for leading Brazilian brands, managing multi-catalog, multi-

language, and multi-payment configurations. Passionate about clean code, performance optimization, and continuous delivery.

Experience

NSH Technologies
Software Engineer
June 2021 - Present (4 years 4 months)
Caxias do Sul, Brasil

I currently work as a Software Engineer, primarily focused on front-end development using React and TypeScript, as well as the efficient design, creation, and maintenance of microservices with Node.js. My responsibilities include developing, enhancing, and continuously maintaining e-commerce platforms to ensure optimal performance, stability, and an improved user experience.

• Redesigned the payment microservice integrated with Adyen, using Node.js with TypeScript and applying MVC and Clean Architecture principles. This reduced processing times from 7 seconds to 3 seconds, improved error handling, and enabled advanced monitoring through Loggly.

• Optimized front-end shipping cost calculations by applying best practices in React and Redux, reducing the number of requests to the OCC API from 15 to 8 and decreasing the shipping calculation step from 14 seconds to 7 seconds —resulting in a faster and more efficient user experience.

• Implemented full automation of Server-Side Extensions (SSE) deployment using GitHub Actions, increasing consistency and reliability in the development and deployment process. This reduced deployment time per SSE from approximately 15 minutes (manual process) to about 3 minutes (automated), while also eliminating manual errors and aligning the process with CI/CD best practices.

Compasso UOL
2 years

Software Engineer
October 2020 - June 2021 (9 months)
Caxias do Sul, Rio Grande do Sul, Brasil

Worked as an Oracle Commerce Cloud Software Engineer, specializing in the classic platform architecture with Knockout.js, HTML, and CSS. My responsibilities included developing and maintaining multiple websites within a unified environment and implementing robust integrations with Node.js microservices.

• Created and maintained 9 websites within a single Oracle Commerce Cloud (OCC) environment, managing multiple catalogs, pricing groups, inventories, languages, payment methods, and localizations. Leveraged the classic OCC structure (Knockout.js, HTML, CSS), integrated seamlessly with Node.js microservices, enhancing operational efficiency, stability, and scalability.

• Implemented PIX payment integration with Adyen, broadening payment options and generating hundreds of dollars in additional revenue for the company.

• Integrated Google reCAPTCHA, developing a dedicated Node.js microservice and Knockout.js front-end integration to protect the platform from malicious user attacks, significantly enhancing overall website security.

Software Engineer
December 2019 - October 2020 (11 months)
Caxias do Sul e Região, Brasil

Internship Trainee
July 2019 - November 2019 (5 months)
Caxias do Sul e Região, Brasil

Prefeitura Municipal de Caxias do Sul
Internship Trainee
October 2018 - August 2019 (11 months)
Caxias do Sul

Worked as a systems developer, responsible for creating and maintaining web applications focused on social services, aiming to streamline administrative management of public sector employees.

• Developed and maintained web-based systems for social services, significantly simplifying administrative processes and improving public employee management.

• Leveraged technologies such as PHP, HTML, CSS, and MySQL to deliver robust and user-friendly solutions, increasing operational efficiency and enhancing internal administrative controls.

• Enhanced internal workflows, delivering intuitive and accessible web systems, thus improving usability and transparency in public administration.

Education

Uniftec
Graduação, Computer Systems Analysis and Development · (2017 - 2020)

QI Escolas e Faculdades
Curso Tecnico, Information Technology · (2015 - 2016)