

Gustavo Tartas

Senior Fullstack Software Engineer at Home Depot

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Summary

Senior Fullstack Engineer with 7+ years of experience delivering scalable e-commerce and data-driven applications. Specialized in React, Next.js, and Node.js, with a strong focus on clean architecture, performance, and testing. Highly collaborative, I enjoy working closely with stakeholders and cross-functional teams to translate business needs into reliable technical solutions. Passionate about AI-driven development and continuous improvement.

Experience

Home Depot	Senior Fullstack Software Engineer	Oct, 2024 - Present
Contributed to continuous platform improvements at one of the largest e-commerce companies in America, with a strong focus on scalable architecture, performance optimization, and collaborative leadership across multiple teams.		
<ul style="list-style-type: none">Product Page & Calculator: Led and contributed to enhancements in critical user flows for product customization (quantity, color, and configuration options). Designed and implemented a dimension-based calculator (e.g., room-based carpet sizing) allowing users to input measurements and receive optimized, data-driven purchase recommendations, improving usability and conversion.		
<ul style="list-style-type: none">Homepage Team: Since January 2025, focused on improvements to the company's most visited page, collaborating closely with product, design, and marketing teams. Recent initiatives include enabling video support within homepage carousels alongside images, increasing user engagement and providing greater flexibility for marketing and promotional campaigns.		
<ul style="list-style-type: none">Performance & Monitoring: Actively monitored and optimized application performance using New Relic, with a strong emphasis on Core Web Vitals (including LCP), ensuring fast load times, stability, and responsiveness across desktop and mobile devices.		
<ul style="list-style-type: none">Testing & Quality: Implemented and maintained unit and integration tests using Jest, contributing to higher code reliability and safer releases. Leveraged GitHub Copilot and modern development practices to accelerate delivery while maintaining code quality and consistency.		
<ul style="list-style-type: none">Team Collaboration & Leadership: Worked as part of a fully senior, high-trust team with shared leadership responsibilities. Contributed to architectural decisions, mentored teammates, participated in technical discussions, and supported agile, outcome-driven delivery.		
<ul style="list-style-type: none">Innovation & Productivity: Strong advocate for AI-driven development and developer experience, continuously exploring tools, workflows, and best practices to optimize code reviews, CI/CD pipelines, release processes, and overall team efficiency. I've made many component updates for Vite and React 19.		

Tech Stack: React.js, Tailwind CSS, GraphQL, Node.js (Express), Jest, GitHub Copilot, Google Cloud Platform (GCP), New Relic.

Aggrandize

Senior Fullstack Software Engineer

Feb, 2023 - Oct, 2024

Led the development of a new nationwide e-commerce platform for Frigelar, enabling internal sales teams to sell products and services across Brazil, manage the entire sales lifecycle, and select optimal shipping branches. Applied clean architecture principles, agile methodologies, and responsive UI standards to ensure scalability, maintainability, and usability.

- Shopping Cart: Designed and implemented the platform's core transactional flow, allowing salespeople to select products and services (e.g., AC installation), manage quantities, apply discounts, choose fulfillment branches, configure payment methods, and complete orders efficiently.
- Payment System: Implemented and integrated multiple payment methods, including PIX, credit/debit cards, cash, and Frigelar credit, ensuring flexibility for different customer profiles and sales scenarios.
- Remote Link Payment (Anonymous Checkout): Built a secure payment link feature that allowed salespeople to send checkout links to customers, enabling purchases from any device, anywhere, and significantly improving remote sales capabilities.
- Customer Registration (CNPJ/CPF): Developed a robust customer onboarding system supporting both individual and business customers, with configurable roles and permissions for purchasing, withdrawal, and financial operations.
- Team Leadership: Acted as technical lead, mentoring junior developers, guiding architectural decisions, promoting best practices, and elevating the team's proficiency with modern frontend and backend tools.
- Testing & Quality: Ensured application reliability and maintainability through component and integration testing using React Testing Library.

Tech Stack: React.js, OSF, Bootstrap, Redux-Saga, Node.js (Express), WebSocket.

Aggrandize

Fullstack Software Engineer

Jun, 2021 - Feb, 2023

Worked on Brazil's largest fashion e-commerce (600+ stores, 5M+ daily users) as part of the product squad, focusing on continuous development and modernization of the platform with React/Next.js, Node/Express, MobX, ATG, and Endeca.

- Built product recognition via smartphone camera, redirecting users to product pages with available sizes and colors.
- Developed product locator to show nearest physical stores with stock availability.
- Led the migration from JSP to React, rewriting page by page and launching overnight to minimize revenue risk.
- Contributed to both legacy features (jQuery/Endeca/JSP) and new architecture, always applying responsiveness, clean architecture, and agile practices.
- Wrote unit tests with Jest to ensure quality.

Tech Stack: React.js, Java, Node.js (Express), MobX, Material-UI, ATG, Endeca, JSP, jQuery, sCss, REST APIs, Jest.

Meta Brazil

Fullstack Software Engineer

Sept, 2020 - Jun, 2021

- Contributed to the final stage of a fleet monitoring system (TicketLog) with React/Next.js and Recharts, and helped launch a new e-commerce (Britania) from scratch, working full-stack with Node/Express BFF, React/Next.js, and MobX.

Compass UOL

Frontend Software Engineer

Nov, 2018 - Sept, 2020

- Developed and maintained features for Camicado's e-commerce Lists team, delivering wedding/party list creation and guest payment flows, acting as the sole frontend developer. I've used Vue.js and jQuery.
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Education

URI

B.Sc. in Computer Science

Mar, 2018 - Dec, 2022

- One of the leading computer science colleges in southern Brazil, known for creating beecrowd (formerly URI Online Judge), one of the most recognized competitive programming platforms worldwide.
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Skills

Frontend

React.js, Next.js, TypeScript, JavaScript, Tailwind CSS, Styled-Components, Material-UI, UX

State Management

Redux-Saga, MobX, Context API, Zustand

Backend

Node.js, Express.js, Java, REST APIs, GraphQL, WebSocket, Nest.js, Flask, Django, Gunicorn, GCP.

AI & Data

Python, Fastai (1.0.57), OpenAI APIs, AI-assisted development (GitHub Copilot, MCP)

Testing & Tools

Jest, React Testing Library, Endeca, Contentful, jQuery

Languages

English

Highly proficient

Portuguese

Native speaker

Spanish

Working knowledge

Profiles

GitHub

gutzartas

LinkedIn

gustavo-tartas