Gustavo Tartas

Senior Fullstack Software Engineer at Home Depot

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Profiles			
	GitHub	LinkedIn	Portfolio
	guztartas	gustavo-tartas	Gustavo Tartas

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.

- 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.

- 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.

- 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.

- 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.

- 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.

- 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.

Tech Stack: React.js, TypeScript, 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, TypeScript, 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, TypeScript, 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, TypeScript 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.

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.

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