

Bruna Szarin



São Paulo - Brazil



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Frontend-focused Fullstack Developer with expertise in **React, Next.js, TypeScript, JavaScript, HTML, CSS, Tailwind and Sass**. Experienced in developing and integrating solutions across **insurance systems, e-commerce ecosystems and logistics ERPs**, handling complex business rules and data-driven applications. Solid backend experience with **Node, Python, C# and Java**, working with **REST and GraphQL APIs**. Proficient with **Git (GitHub, GitLab)**, testing (**Jest, React Testing Library**), and **Agile methodologies (Scrum, Kanban)**. Focused on performance, scalability, maintainability and clean code.

Experience

Serasa Experian | Fullstack Developer

Blumenau

currently-

oct 2024

Product Development (Insurance Platform)

- Contributed to the modernization of Teleport, a core platform for insurance quotation and policy management used by brokers, partners and insurance providers.
- Led frontend development using **Next.js, React, TypeScript, Tailwind CSS** and **Sass**, rebuilding a legacy Delphi-based system into a scalable, high-performance web application.
- Worked closely with backend teams on the design, implementation and integration of REST APIs built with **Java, Spring Boot** and **Apache Tomcat**, ensuring seamless communication between frontend and backend services.
- Developed and integrated complex insurance business workflows using **React Query** for server-state management and **React Hook Form** for advanced form handling and validation.
- Implemented business-critical insurance rules and integrated with multiple external APIs from major insurance providers, ensuring accurate quotation, policy issuance and endorsement processes.
- Acted as a **bridge between frontend and backend teams**, participating in API design discussions, payload validation, troubleshooting integration issues and improving overall system reliability.
- Worked in an **Agile environment**, using **Jira, Git and GitLab**, contributing to structured delivery pipelines.
- Integrated with companies such as **Tokio Marine, Suhai Seguradora, Porto Seguro, Bradesco Seguros, Hyundai, Youse and Allianz**, ensuring compliance with diverse business rules.

Data Infrastructure Management & Pipelines:

- Worked on data integration layers and service communication pipelines connecting internal systems and external insurance providers, ensuring high reliability, consistency and availability of transactional data.
- Supported structured data flows for quotation, policy management, reporting and operational systems, handling large volumes of real-time requests and business transactions.
- Collaborated with backend engineers to design and maintain scalable integrations using **Java, Spring Boot** and **RESTful services**.
- Utilized **Datadog** and **AWS** services to **monitor application performance**, service health and integration stability across multiple environments.
- Contributed to systems designed for high-demand insurance operations, ensuring scalability, resilience, performance optimization and data integrity.
- Partnered with product, engineering and data teams to align governance standards, business validations and integration requirements across multiple services and providers.

Highlights:

50%+ improvement in system performance and load times after migrating from legacy Delphi architecture to modern React/Next.js stack.

Enhanced scalability and reliability in high-demand insurance operations, supporting large volumes of real-time quotation requests.

Improved integration stability with external insurance APIs, reducing inconsistencies and failure rates in data exchange.
Accelerated feature delivery cycles through structured Agile workflows and modern frontend architecture.
Strengthened platform positioning through integrations with major insurance providers, increasing product robustness and market trust.

Tech Stack & Key Tools:

Next.js, React, TypeScript, JavaScript, Tailwind, Sass, REST/GraphQL APIs, Git (GitHub, GitLab), CI/CD (GitHub Actions, GitLab CI), Docker, Testing (Jest, React Testing Library, Automated Testing, TDD), Agile (Scrum, Kanban), Jira, Performance Optimization, Scalable Architecture, Clean Code.

Herrlog Solutions | Fullstack Developer

São Paulo
may 2023-
oct 2024

Platform Development & ERP Modernization (Logistics & Fleet Management)

- Contributed to the evolution of a multi-tenant logistics ERP platform, supporting fleet monitoring and operations across road and maritime transportation, handling complex and real-time workflows.
- Worked on a legacy frontend (React + Redux + TypeScript – 2020 architecture), leading refactoring efforts to improve performance, responsiveness and user experience.
- Improved API consumption and data flow using React Query and React Hook Form, optimizing performance in high-volume data scenarios and complex user interactions.
- Collaborated with backend teams using C# and .NET 9, enhancing integration reliability and consistency across services.
- Supported enterprise clients such as Ipiranga, Ultragas, Unilever, McCain Foods and Inpasa, each with distinct business rules in a shared platform.

Data Infrastructure Management & Automation:

- Worked with **Azure-based data infrastructure**, including databases and **Data Lake environments**, handling large volumes of client data with different schemas and business constraints.
- Supported data integration flows between frontend, APIs and backend services, ensuring **data consistency, integrity and performance** in multi-tenant environments.
- Assisted in structuring and consuming data from distributed sources, improving **data accessibility and usability** across operational modules.
- Adapted frontend logic to efficiently handle **high-density datasets**, reducing latency and improving real-time interaction performance.

Highlights:

30–50% improvements in fulfillment.
40% reduction in unnecessary API calls and data re-fetching, optimizing data flow with React Query and improving system efficiency.
Significant reduction in form latency and user interaction delays through optimized state handling with React Hook Form.
Improved data processing performance for large datasets, enabling smoother real-time interaction in logistics operations.
Contribution to a **scalable multi-tenant ERP platform** serving large enterprise clients with complex and distinct business rules.

Tech Stack & Key Tools:

React, TypeScript, Redux, React Query, React Hook Form, C#, .NET 9, Azure,, REST APIs, Git, Jira, TailwindCSS, Git/GitHub, Figma, AI Technologies, Docker, Rabbit MQ, CI/CD, Jest.

Larroudé Inc. | Fullstack & Shopify Developer

New York
april 2022-
may 2023

Platform Design & Development:

- Collaborated with stakeholders to design microservices and REST/GraphQL APIs, applying Node.js, Python (FastAPI), and best

practices in distributed architecture.

- Developed and implemented pipelines and automations that reduced data analysis time by 60%, enhancing overall operational efficiency.
- Built internal applications and integrations with Shopify (via Shopify CLI/Partners) and ERPs, contributing to a 30%+ increase in online sales.
- Contributed to the architectural evolution of the e-commerce platform, ensuring high availability and scalability
- Designed and developed APIs for integrations and operational management systems covering **inventory, orders, and shipping workflows**.

Data Infrastructure Management & Automation:

- Managed and optimized AWS infrastructure, leveraging Terraform and n8n for orchestration, resulting in a 20% reduction in cloud operational costs.
- Contributed to DevOps practices, developing CI/CD pipelines with GitHub Actions, and integrating Docker and Kubernetes for scalable deployments.
- Implemented monitoring and alerting solutions (Cloudflare, Datadog, Prometheus/Grafana), ensuring 40%+ increased stability in critical services.
- Developed data pipelines in BigQuery, integrating internal and external systems for real-time analytics.
- Automated data flows and reporting, achieving 70%+ faster decision-making in commercial and logistics operations.
- Collaborated closely with product and data teams, implementing governance, version control, and security best practices.

Highlights:

- 80% reduction in logistics failures** in fulfillment.
- 30% increase in online sales** through internal Shopify apps.
- 20% optimization in cloud costs** with Infrastructure as Code (IaC) and automation.
- 25% improvement in the global shopping journey** with integrated frontend and backend solutions.

Tech Stack & Key Tools:

Java, Python (FastAPI), Node.js, TypeScript, React, AWS (S3, ECS, Lambda, RDS), Terraform, Docker, Kubernetes, GitHub Actions, Redis, BigQuery, Shopify APIs, Kafka, n8n, Cloudflare, CI/CD.

Inciclo | Fullstack & Shopify Developer

California
may 2020-
april 2022

Platform Design & Development

- Developed robust integrations between Shopify, ERP (Tiny), and custom checkout (Yampi), ensuring 100% reliable synchronization across inventory, orders, and payments.
- Built scalable and reusable components, aligned with the design system and clean code best practices, accelerating new feature development by 35%.
- Implemented automated testing (unit and integration), increasing deployment reliability by 40%.

Infrastructure Management & Automation

- Automated deployment routines with Git/GitHub and CI/CD, reducing production failures by 50% and ensuring full traceability.
- Designed pipelines to collect data from the ERP (via Tiny API web scraping), transforming manual reports into dynamic dashboards.
- Contributed to DevOps practices in e-commerce environments, with a focus on monitoring and performance.

Data Expertise & Integration

- Built internal dashboards with actionable insights, enabling marketing and sales teams to make data-driven decisions that led to a 20%+ increase in conversion on personalized campaigns.

- Monitored and optimized Core Web Vitals, boosting product page load speed by 70% and improving user engagement.
- Developed data-driven solutions to optimize commercial strategies and internal operations.

Stack & Tools

Node.js, JavaScript, Liquid, Shopify API, ERP Tiny API, Webhooks, TailwindCSS, Git/GitHub, Figma, Google Analytics, Hotjar, Clarity, VS Code, PyCharm.

Highlights:

- **100% reliable synchronization across critical systems (ERP, Shopify, checkout).**
- **Achieved a 20%+ increase in conversion rates through strategies driven by internal dashboards.**
- Improved **key page load speed by 70%**, directly enhancing customer experience.
- Reduced **production failures by 50%** through test and deployment automation.

Cupcode | Fullstack & Shopify Developer

Paraná
feb 2019-
may 2020

WordPress & CMS

- Developed and maintained institutional websites and e-commerce platforms in WordPress, serving diverse sectors (retail, healthcare, education, B2B).
- Implemented advanced theme customization, plugin integrations, and APIs, ensuring 95%+ uptime and scalability.
- Delivered tailored solutions that drove a **70%+** increase in SEO performance and lead generation for clients.

Frontend & Fullstack

- Built responsive and intuitive interfaces with HTML5, CSS3, Sass, JavaScript, TypeScript, Angular, and React, applying UX/UI best practices.
- Implemented integrations with Shopify and other CMS platforms, expanding the agency's digital solutions portfolio.
- Optimized visual and functional performance, resulting in a **75%+** increase in user engagement.

Collaboration & Processes

- Worked within agile teams, delivering creative and technical solutions in close collaboration with designers and marketing teams.
- Strengthened code organization and version control practices with Git/GitHub, reducing project rework by 50%.

Stack & Tools

WordPress, Shopify, HTML5, CSS3, Sass, JavaScript, TypeScript, Angular, React, Liquid, Ruby, Bootstrap, TailwindCSS, Git/GitHub, Figma, Photoshop.

Highlights:

- Delivered solutions across multiple business sectors (healthcare, fashion, technology, education).
- Achieved **70%+** increase in lead generation and improved SEO in WordPress websites.
- Boosted user engagement by **75%** in optimized e-commerce platforms.
- Reduced technical rework by **80%** through effective use of Git/GitHub.

Education

FAM Oficial

Bachelor's Degree, Computer Science · jan 2020 – jan 2024

University of São Paulo

Online | Extracurricular, Digital Marketing · jan 2020 – dec 2021

FIAP

Python Programming · jul 2021 – dec 2021

Origamid

UI/UX Design · aug 2021 – dec 2021

Alura

Web Development · dec 2021

Codecademy

Software Engineering - july 2022

Activities

International Team Collaboration

•**Description:** Worked as part of globally distributed teams, collaborating with colleagues allocated in New York, Bangladesh, Italy, and Portugal.

•**Skills Developed:** Cross-cultural communication, remote collaboration, agile teamwork, and adaptability to different time zones.

•**Achievements:** Successfully delivered scalable solutions and ensured seamless coordination across international stakeholders.

Additional

Language Skills

English: C2 – Professional Fluency (experience collaborating and leading international teams in the U.S. ; Europe and India)

Portuguese: Native

Spanish: Intermediate

Interests/Hobbies

Technology trends (AI, cloud, automation)

UX/UI and product design

E-commerce innovation

International travel and cross-cultural collaboration