

Bruno Cardozo

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Resume

Full Stack Engineer with 5 years of experience architecting and scaling resilient, high-performance systems. My expertise is in building with a modern stack including React, TypeScript, Node.js, Supabase, PostgreSQL, MongoDB and cloud services (AWS, GCP), with a focus on ecommerce, automation-heavy and AI-driven platforms.

I am currently leading the development of an AI-powered product qualification feature using LLMs to enhance shopify category matching. My background spans the full-lifecycle, from designing scalable database schemas and laying architectural foundations to engineering enterprise APIs serving over a million requests daily. I am a product-driven builder who excels at optimizing performance, enhancing reliability, and owning complex features from concept to deployment.

Work History

Software Engineer

Frenguee, Los Angeles, California - Remote 03-2025 – present

Engineers and scale the global e-commerce platform for the world's #1 powersports brand, processing a significant portion of over \$1 billion in annual transactions.

Responsibilities:

- Architect and lead the end-to-end development of brand new, complex features for the core platform, from technical design through to implementation and delivery.
- Drive the globalization of the core e-commerce platform, architecting and implementing features for new international markets.
- Develop and maintain high-performance systems using React, Typescript, Javascript, Nest.js, Node.js, Express.js, MongoDB, PostgreSQL, RabbitMQ, GCP, ArgoCD, Redis, GraphQL, Shopify, Docker, Kubernetes and a microservices architecture to handle high-volume B2B/B2C transactions. Also responsible for creating CI/CD pipelines.
- Uphold and advocate for software development best practices, including Clean Code and SOLID principles, to ensure the stability of a mission-critical system.
- Analyze and resolve production incidents.

Achievements:

- Currently architecting and building a new AI-powered product qualification feature, leveraging AI/ML and LLM's to automate and scale core marketplace matching.
- Led the successful globalization of the core product, contributing to its launch in 3 new markets and expanding user reach.
- Drastically optimized the performance of a highly requested core feature, reducing data processing time from 15 minutes to under 1 minute (~= 93%) through performance tuning and an effective caching strategy improvement that eliminated a critical system bottleneck.

- Architected and developed a new, independent bulk data-synchronization service to manage price and inventory for tens of thousands of products on Shopify. This initiative was critical as it replaced a legacy one-by-one update process that previously overwhelmed our RabbitMQ queues and degraded system-wide performance.

Technologies Used: Microservices, NestJS, Node.js, Express.js, Javascript, PostgreSQL, GCP, Kubernetes, ArgoCD TypeScript, MongoDB, RabbitMQ, Shopify, Sentry, Elasticsearch, Docker, Redis, DDD, GraphQL, SQL, NoSQL, SOLID, Rest APIs, React, Gitlab CI, Supabase.

Software Engineer

Wise, Curitiba, Brazil - Remote 05-2022 – 02-2025

Responsibilities:

- Developed and maintained scalable, enterprise-grade APIs using Node.js, Express.js, Javascript, Typescript, Redis, PostgreSQL and Java to serve core business functions.
- Designed, modeled, and implemented PostgreSQL database schemas from scratch to support new product features, ensuring data integrity and high performance.
- Administered and optimized AWS messaging infrastructure (SQS, SNS) to ensure reliable communication between distributed services.

Achievements:

- Eliminated critical performance bottlenecks by re-engineering inefficient ORM (Hibernate) data access patterns, slashing the response times of multiple key endpoints from minutes to milliseconds (e.g. from 6+ minutes to 800ms) and significantly improving the overall user experience.
- Engineered and scaled enterprise APIs that reliably processed over 90,000 requests daily with 99.9% uptime, forming the backbone of a critical customer-facing service.
- Spearheaded the strategic re-architecture of a core system module, a critical initiative that directly unlocked the company's ability to scale and supported a subsequent 20%+ growth in the active customer base.

Technologies Used: React, Node.js, Express.js, Javascript, PostgreSQL, AWS, TypeScript, Sentry, Docker, Redis, SQL, SOLID, Rest APIs, Java, S3, SQS, SNS, Supabase.

Software Engineer

Projedata, Tubarão, Brazil - Remote 04-2021 – 04-2022

A market leader with over 20 years of experience providing specialized ERP software for the plastics industry in Brazil and Latin America, was part of the core team responsible for the strategic modernization of their product.

Responsibilities:

- Engineered key backend components (Java) for the modernization of 'Iniflex', transforming the legacy desktop application into a modern, 100% web-based platform.
- Developed and maintained complex PL/SQL scripts to ensure the seamless and accurate migration of critical client data, including complex manufacturing, inventory, and financial records.

- Collaborated within a multidisciplinary agile team to ensure the new web application met the complex, real-world operational needs of clients in the plastics manufacturing sector.

Achievements:

- Played an important role in the successful migration of 'Iniflex', a mission-critical ERP system, to a modern web architecture.
- Ensured 100% data integrity during the migration of thousands of critical business records, guaranteeing operational continuity for clients who rely on Iniflex as the "heart" of their company.

Technologies Used: Java, Javascript, PL/SQL, OracleDB.

Academic Education

(01-2025 - 12-2025) Rocketseat - Postgraduate Degree, Fullstack, Brazil

(02-2020 - 12-2023) UNIBAVE - Bachelors, Major in Information Systems, Brazil

Languages

English – Advanced (B2+)

Portuguese - Native

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