

Bruno Costa

Senior Full Stack Engineer

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| São José dos Campos, Brazil

TECHNICAL SKILLS

- Languages:** TypeScript, JavaScript (ES6+), Java, SQL, HTML5, CSS3.
- Frontend:** React, Next.js (App Router/SSG), Tailwind CSS, Micro-frontends, Design Systems.
- Backend:** Node.js, NestJS, Spring Boot, PostgreSQL, REST APIs, WebSockets.
- DevOps/Cloud:** AWS (EC2, S3, Lambda), Docker, Kubernetes, CI/CD (GitHub Actions), Vercel.

PROFESSIONAL EXPERIENCE

Tech Lead & Senior Software Engineer Mar 2023 – Present
BEES (AB InBev)

- Architected a global Micro-frontends ecosystem serving 22 countries, **reducing deployment times from >1h to minutes**.
- Reduced React application bundle size by **60%** by identifying/resolving critical memory leaks, eliminating user freezes.
- Standardized the Backend-for-Frontend (BFF) layer using **NestJS** and Clean Architecture, improving maintainability.
- Implemented proactive observability using New Relic and automated CI/CD pipelines to ensure zero-downtime deployments.

Co-Founder & Product Engineer Feb 2018 – May 2023
Aurem (Assistive Technology SaaS)

- Bootstrapped and commercialized an award-winning assistive platform, managing product lifecycle from ideation to sales.
- Built a real-time captioning engine using **Web Speech API & WebSockets** serving 1,000+ active concurrent users.
- Deployed scalable production infrastructure on **AWS** using EC2 for hosting, S3 for storage, and Lambda for serverless.

Software Engineer Dec 2021 – Aug 2022
Verzel

- Accelerated frontend development velocity by building a comprehensive Figma component library mirroring React architecture.
- Developed responsive Web3 interfaces for blockchain applications ensuring compliance with strict accessibility standards.

Software Developer Intern May 2021 – Nov 2021
Neoenergia

- Automated manual reporting workflows by developing custom React/TypeScript dashboards, replacing legacy Excel processes.

EDUCATION & ACHIEVEMENTS

Control and Automation Engineering — Inatel 2017 – 2022

- ★ **Top Performer (2025):** Awarded for technical excellence at BEES (AB InBev).
- ★ **Empreenda Santander Prize (2019):** National winner for innovation with Aurem project.