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Summary

Full Stack Software Engineer with 4+ years of experience building web, mobile, and backend products with TypeScript, React/Next.js, React Native/Expo, NestJS, and PostgreSQL. Strong focus on distributed systems, microservices, payment flows, event-driven integrations, and scalable platforms, including products with 1M+ users and events with 100K+ participants.

Experience

Bamse

Mid-level Software Engineer

Blumenau, SC, Brazil

Jun 2025 – Present

- Develop solutions for the OMO Lavanderias (Unilever) ecosystem across iOS, Android, and Web, supporting a platform with 1M+ users and thousands of integrated physical operations.
- Design and implement NestJS/Fastify microservices with Domain-Driven Design for orders, reservations, payments, and notifications in a scalable distributed architecture.
- Structured resilient checkout flows with Redlock/Redis distributed concurrency control and idempotent webhooks, reducing transactional inconsistency risks in high-concurrency payment scenarios.
- Build asynchronous RabbitMQ integrations with retry, DLQ, and delayed queues, plus WebSocket real-time flows and state machines for critical reservation and order processes.

Fox IoT

Software Engineer

Santa Maria, RS, Brazil

Nov 2023 – Jun 2025

- Built a full-stack platform for electric power distribution analysis using React, NestJS, PostgreSQL, and interactive dashboards, accelerating interpretation of operational indicators.
- Implemented network-failure alerts and DRP/DRC regulatory monitoring, including auditable file generation for ANEEL compliance.
- Integrated remote cut and reconnection commands, reducing the need for field dispatches and supporting lower operational costs.

Softaliza

Full Stack Developer

Santa Maria, RS, Brazil

Feb 2022 – Nov 2023

- Grew from frontend to full-stack ownership in a scientific event management platform covering registrations, payments, papers, on-site reception, and DOI workflows.
- Designed an on-site reception system with registration validation, label printing, payments, and real-time tracking, supporting events with 100K+ participants.
- Reduced page-load time by approximately 40% through frontend and architecture optimizations, while improving CI/CD reliability with unit tests, e2e tests, and a JavaScript-to-TypeScript migration.

Skills

- **Core stack:** TypeScript, JavaScript, Node.js, NestJS, Fastify, React, Next.js, React Native, Expo, PostgreSQL
- **Systems and integrations:** Docker, Redis, RabbitMQ, WebSocket, Electron, REST APIs, Swagger/OpenAPI, PDF processing
- **Architecture and quality:** Microservices, distributed systems, DDD, event-driven architecture, Redlock, SAGA, CI/CD, Vitest, Cypress, unit tests, e2e tests, Git, GitHub
- **Languages:** Portuguese (Native), English (Intermediate)

Certifications

- **Alura:** Front-end Formation; Node.js with Express Formation; React JS Formation

Education

UniFavip Wyden

Bachelor's Degree in Software Engineering

Brazil

Feb 2025 – Feb 2029