André Sousa

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SUMMARY

Software Engineer specializing in **Frontend** and **Backend** development with **4 years of experience** building scalable web applications using React, Next.JS, Node.JS, JavaScript, TypeScript, and AWS. Skilled in developing production-grade systems, improving performance and scalability, and contributing to architectural decisions, technical planning, and **end-to-end** software delivery.

PROFESSIONAL EXPERIENCE

Indigo Hive

São Paulo, SP, Brazil

Software Engineer

Apr 2026 - Now

- Automated an internal operational workflow with Node.js, reducing execution time from 10 minutes to seconds and eliminating repetitive manual tasks.
- Reduced LLM API costs by 50% through prompt engineering, token optimization, and more efficient AI request flows.
- Developed scalable features for a product used by thousands of users, ensuring high performance and reliability under load using Amazon Web Services (AWS).
- Replaced a developer-only CLI workflow with a client-facing interface, developed in React and Node.JS, enabling self-service execution and reducing internal operational dependency.
- Built AI-driven workflows and integrations using LLMs and cloud infrastructure for WhatsApp chatbots, focusing on scalability, usability, and operational efficiency.
- **Tech Stack:** Node.JS, Nest, Prisma React, AWS, Heroku, PostgreSQL, Redis, Typesense

Loomi

Recife, PE, Brazil

Frontend & Mobile Developer

Fev 2025 - Mar 2026

- Developed and maintained scalable frontend applications across multiple business domains, delivering complex, production-grade features with strong focus on performance, maintainability and UX.
- Built highly interactive and state-heavy UIs with React and Next.js, handling real-time updates, asynchronous data flows, and large-scale application structures.
- Led architectural decisions to standardize components, project structure, and reusable UI, improving consistency, accelerating development speed, and streamlining onboarding for new developers.
- Developed and maintained a React Native app with 100k+ downloads, built on a micro-frontend architecture with 50+ micro-frontends.
- Automated App Store and Google Play releases with GitHub Actions CI/CD pipelines, reducing manual steps and making deployments faster and more reliable.
- Participated in technical meetings with clients and stakeholders, translating business needs into feasible technical solutions.
- **Tech Stack:** Next.js, React, React Native,TypeScript, HTML, Tailwind CSS, NestJS, Git, APIs REST

Souv Tech

Recife, PE, Brazil

Fullstack Developer

Jul 2023 – Jan 2025

- Developed production-grade, web and mobile apps using React.js, Next.js, React Native, TypeScript, TailwindCSS, Expo, and Firebase, working across multiple business domains.
- Integrated backend services and external APIs such as Stripe, Twilio, GPS, CMS, SMS, and Email, ensuring reliable system communication.
- Built a complete subscription and billing system with Node.js, including payment flows with Stripe, automatic invoice generation, email notifications, and plan management.
- Participated in technical planning, architectural decisions, and client meetings.
- **Tech Stack:** TypeScript, JavaScript, React, Next.js, React Native, Expo, NestJS, Firebase, Tailwind

CESAR

Recife, PE, Brazil

Development Project Internship (Tech Journey/Komatsu)

Jul 2022 - Dec 2022

- Built the entire backend system from scratch using Node.js, TypeScript, Prisma and PostgreSQL, including architecting database schema design and API architecture.
- Implemented JWT-based authentication, with secure login, protected routes, and role-based access control.
- Took part in the final project presentation in English to internal and external stakeholders, helping communicate technical decisions and achieved results.
- **Tech Stack**: React, Node.JS, PostgreSQL, JavaScript, Firebase, Tailwind CSS

EDUCATION

- **Bachelor's Degree in Computer Science - CESAR School (Recife, Brazil)**
  - 2022-2025
  - Cumulative GPA: 9.3/10
  - Solid foundation in algorithms, data structures, software engineering, databases, and web development.
  - Final thesis focused on the impact of Backend-as-a-Service (BaaS) on MVP development, analyzing time-to-market, cost, and scalability.
- **AWS Certified Cloud Practitioner**
  - AWS Certification
  - April 2026
- **English Language Course – C1 Advanced (CEFR)**
  - September 2026 – October 2026
  - General English program at a British Council–accredited school
  - Assessed at C1 in all skills: listening, reading, speaking and writing

SKILLS

Technologies

HTML, CSS, JavaScript, TypeScript, React, Next.js, React Native (Expo/Metro), Node.js, NestJS, Express, REST APIs, PostgreSQL, Prisma, Firebase, AWS (EC2, ECS, S3, Lambda, CodeBuild, SSM, ALB, ELB, Amplify), Git, GitHub, Docker, CI/CD, Tailwind CSS, Tanstack Query, Heroku, Micro-frontends, npm Registry, GitHub Actions.

Languages

- Portugues - Native
- English - Advanced (C1)