LUCCA BARROS MONTARROYOS PEREIRA
Fullstack Developer| Node.js • React • TypeScript • Docker
Recife, Brazil | Remote
luccabarros2003@gmail.com • linkedin.com/in/lucca-barros • github.com/LuccaMontarroyos

SUMMARY

Fullstack Developer specialized in Node.js and React, with experience building scalable REST APIs, decoupled architectures, and cloud-ready applications. Corporate experience working with Spring Boot + React, applying Clean Architecture principles, JWT authentication, Docker containerization, with a strong focus on architectural organization and code quality.

PROFESSIONAL EXPERIENCE

Fullstack Developer Intern – COMPESA   **Recife, Brazil | 12/2024 - Present**

- Modernize corporate web and mobile systems, reducing complexity and improving architectural organization.
- Design and structure REST APIs and business rules using Spring Boot.
- Implement interfaces using React + TypeScript, applying architectural organization and best practices.
- Integrate internal APIs and actively participate in code reviews.

Stack: React • TypeScript • Java (Spring Boot) • PostgreSQL • Docker • Git.

RELEVANT PROJECTS

Flowly – B2B SaaS Project Management SaaS— github.com/LuccaMontarroyos/flowly-saas

Multi-tenant SaaS platform for project management, designed with data isolation and domain scalability in mind, focused on Clean Architecture, scalability, and production-level security.

- Layered REST API built with Node.js + Express + TypeScript (Controllers, Services, Repositories, DTOs)
- Complete authentication flow using JWT + Argon2 + mandatory email verification
- Multi-tenant relational modeling with Prisma + PostgreSQL
- Frontend built with Next.js 14, route protection middleware, and state management using TanStack Query
- Full containerization using Docker + Docker Compose (multi-stage builds), CI/CD-ready environment, and cloud deployment

Stack: Node.js • React • Next.js • Prisma • PostgreSQL • Docker

Marketplace Fullstack — github.com/LuccaMontarroyos/marketplace

- Backend built with Node.js + Express + TypeScript, including JWT authentication, authorization, and business rules
- PostgreSQL persistence using Prisma and Stripe integration for payments
- Real-time communication using WebSockets
- Frontend built with React/Next.js + TypeScript

Stack: Node.js • Express • Prisma • React • Next.js • PostgreSQL

TECHNICAL SKILLS

Backend: Node.js, Express, Prisma, Java (Spring Boot), REST APIs, JWT, Microservices, PostgreSQL, MongoDB
Frontend: React, Next.js, TypeScript, Hooks, Context API, React Query
DevOps & Infra: Docker, CI/CD, Cloud Deployment, Render, Vercel, Neon
Engenharia: Clean Code, Software Architecture, Design Patterns, Git

EDUCATION

Bachelor´s Degree in Computer Science — UNICAP
Aug/2022 – Dec/2026 (Expected)

LANGUAGE

English C1 (Advanced) — Academic exchange program in the United States (2022)