

RICARDO PONTES DANTAS

Backend Engineer

Rio de Janeiro, Brazil · ricardopontesdantas@gmail.com · +5521976781504

[LinkedIn](#)

SUMMARY

I'm a backend engineer with 6 years of experience, specializing in Node.js, JavaScript and TypeScript. I design and build scalable, high-performance APIs and services, always focusing on clean architecture, code maintainability, and developer experience.

I'm currently deepening my knowledge of infrastructure fundamentals and advanced Node.js, aiming to solidify my expertise as a backend specialist. I'm also pursuing JSNAD certification to formalize this knowledge.

I work comfortably with relational and non-relational databases (PostgreSQL, MongoDB), cache and queues (Redis, Beanstalkd), containers (Docker), and cloud services (AWS, GCP, Azure). I enjoy contributing to frontend work when needed (React, Blade), and thrive in collaborative, asynchronous environments.

I'm also studying English at BRASAS (level 9 out of 10) to improve my fluency and communication in international settings.

EXPERIENCE

Backend Engineer

Audima - Rio de Janeiro, Brazil

Sep 2019 - Present

- Developed and maintained high-volume APIs using Node.js, TypeScript, Express, and MongoDB, following Clean Architecture and Test-Driven Development with Jest.
- Refactored the core product frontend, reducing bundle size by ~57% and improving load time by ~19%.
- Implemented a parameterization system that gave clients full control over product configurations, eliminating the need for developer intervention.
- Designed a Text-to-Speech API that abstracts cloud complexity, streamlining text-to-audio conversions for customers.
- Rebuilt a company-wide usage statistics dashboard, reducing query times from 5 minutes to 20 seconds using Laravel and MongoDB.
- Refactored queue processing logic with Laravel and Beanstalkd, reducing failure rates from ~8% to 2%.
- Created a standardized development environment using Docker and Docker Compose, improving team onboarding speed.
- Integrated AI and cloud services from AWS, Azure, and GCP to deliver voice accessibility and innovation features.
- Contributed to projects for major clients including: Coca-Cola, Unilever, Nestlé, Petrobras, Natura, Engie, Itaú, CNN Brasil, G1, R7, Grupo Abril, and others.

🏆 Our CEO was awarded in the *Social Responsibility* category of the “Visão Consciente” Prize by Fecomércio-RJ and represented Audima at NRF 2025 - Retail's Big Show in New York. I proudly contributed to the engineering efforts behind the recognized product.

TECH STACK

Node.js · JavaScript · TypeScript · PostgreSQL · MongoDB · Redis · Express.js · Laravel · Beanstalkd · Docker · GIT · REST APIs · JWT · Jest · TDD · Clean Architecture · CI/CD · AWS · GCP · Azure · JSON

EDUCATION

Postgraduate in Systems Analysis and Design

Pontifical Catholic University of Rio de Janeiro (PUC-Rio) · 2013-2015

Bachelor's in Information Systems

Unicarioca · 2006-2009

English Course - Level 8/10

BRASAS English Course · 2022-Present

CERTIFICATIONS

- JavaScript Expert - Erick Wendel Academy, 2025
- Intermediate English Certificate - BRASAS, 2025
- Data Structures and Algorithms - Ada Tech, 2024
- JavaScript Masterclass - Branas.io, 2024
- JavaScript - W3Schools, 2023
- Clean Code & Clean Architecture - Branas.io, 2023
- Oracle Cloud Infrastructure Foundations Associate - Oracle, 2023
- Basic English Certificate - BRASAS, 2023
- Google Cloud Essentials - Google, 2022

LANGUAGES

- Portuguese - Native
- English - Intermediate