

Rodrigo

Dearo

Full Stack Developer
IT Department Head

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TECH STACK

FEATURED

Node.js

Express · REST APIs · WebSockets · Auth

Languages

JavaScript (ES6+) · TypeScript · C# · SQL

Front-end

React.js · Next.js · Angular · HTML5 · CSS3

Mobile

React Native · Ionic · Expo

Desktop

Electron

Back-end

Express.js · NestJS · REST · WebSockets · JWT

Databases

PostgreSQL · Firebird SQL · MySQL · SQLite · Redis

Cloud & DevOps

Azure · Docker · CI/CD · Linux · Nginx · Git

Tools

Postman · Jest · Swagger · ESLint · VS Code

Architecture

Clean Arch · SOLID · DDD · MVC · OAuth2

LANGUAGES

Portuguese

Native

English

Intermediate-Advanced

Spanish

Intermediate

PROFILE

Full Stack Developer with 5+ years of experience delivering complex end-to-end systems — from architecture to deployment. Proven track record in platform integrations, REST APIs, desktop (Electron) and mobile applications (Android/Ionic/React Native). Strong adherence to clean architecture, SOLID principles, and separation of concerns. Self-managed, async-first, with clear written communication.

EXPERIENCE

IT Department Head · DR Sistemas

Jan 2025 – Present · Remote

- Technical leadership of the IT department: stack definition, development standards, code review, and architectural decision-making.
- Management and evolution of internal products and critical integrations, ensuring availability, quality, and alignment with business objectives.
- Implementation of CI/CD practices, repository standardization, and a culture of technical documentation across the team.
- Evaluation and adoption of new technologies, including Azure services for cloud scalability.

Full Stack Developer · DR Sistemas

Jan 2021 – Present · Remote

Development of products and critical integrations focusing on robust architecture, maintainability, and real value delivery.

■ ITAMINAS — Android Self-Service System

- Android self-service system for a corporate cafeteria, running on D2 Mini terminals with RFID reader, QR Code scanner, and integrated scale.
- Stack: React Native (Android) · Node.js · Azure — consuming the Artefato Digital partner API. Multiple simultaneous POS terminals, dynamically configurable in real time.
- SRP/SOLID-oriented architecture: each module (authentication, meal flow, POS sync) isolated and independently testable.

■ E-commerce Integration Platform (8+ Systems)

- Designed and built 8+ independent integration services connecting ERPs (Saurus, Host) to NuvemShop, Tray, WBuy, and PedidoOk.
- Each integrator as an autonomous service with its own API, OAuth2, specific data model, and isolated business rules — Clean Architecture.
- Stack: Node.js · Electron · Express.js · TypeScript · PostgreSQL · Firebird SQL. Rate-limit, exponential backoff, structured logging.
- Stock synchronization between isolated Firebird databases by CNPJ, enabling shared catalog across branches.

■ Desktop Applications with Electron + Node.js

- Desktop applications for automating internal processes, including real-time custom printing via live API calls.
- MVC patterns with clear separation between business logic and UI layers. Worked with Firebird SQL in legacy environments.