

Danilo de Figueiredo Alves

Brazil

[\(83\) 998819253](tel:(83)998819253) | danilo.alvess1902@gmail.com | [Linkedin](#) | [GitHub](#) | [Portfolio](#)

SUMMARY

- **Fullstack Software Engineer** with strong experience building scalable web applications and high-performance backend systems using **Java (17/21) and Spring Boot**, complemented by modern frontend development with **React.js**. Proven track record delivering reliable SaaS, ERP, and CRM products, leading technical architecture with a focus on Clean Architecture, SOLID principles, and TDD. Expert at turning complex business needs into clean, maintainable, and modular **end-to-end** software solutions.

SKILLS

- **Languages & Frameworks:** Java 17/21, Spring Boot (Security/Data), JavaScript, React.js, Node.js.
- **Architecture & Testing:** Clean Architecture, SOLID, TDD, JUnit, Design Patterns.
- **Data & DevOps:** PostgreSQL, Supabase, Git, Docker, REST APIs, Vercel/Netlify.
- **Core Strengths:** SaaS Development, ERP/POS Logic, System Architecture, SDLC.

WORK EXPERIENCE

Lead Backend Developer | Mandakaru Conn

Catolé do Rocha, PB (Remote) | **Jun 2025 – Present**

- **System Architecture:** Architected and developed a suite of high-impact SaaS products, including **ERP, POS (MandaPDV), and Order Management (Manda Comanda)** systems using **Java 21 and Spring Boot**.
- **Technical Leadership:** Implemented **Clean Architecture and SOLID** principles across 7+ active software projects, ensuring modularity and long-term maintainability.
- **Product Development:** Led the end-to-end development of **Alivioo**, focusing on business logic automation and scalable backend services.
- **Database & DevOps:** Managed complex data structures using **PostgreSQL and Supabase**, and automated deployment workflows through **Vercel and Netlify**.

- **Quality Assurance:** Established a culture of software quality by implementing **Test-Driven Development (TDD)** and automated unit testing with **JUnit**.

Software Developer & Data Analyst | TrêsD Comunicação Visual & Start I. Industrial
Catolé do Rocha, PB | May 2025 – Oct 2026

- **Specialized Systems:** Developed and maintained complex **Outdoor Media Management** and **Marketplace Management** systems.
- **E-commerce Solutions:** Built and managed **Virtual Stores (E-commerce)**, integrating payment gateways and optimized checkout flows.
- **Data Analysis:** Acted as a **Data Analyst**, modeling and structuring databases to generate strategic business insights and performance reports.
- **Web Engineering:** Designed and deployed professional websites and management platforms, ensuring high performance and SEO optimization.
- **Process Automation:** Applied analytical thinking to automate manual workflows through software, increasing operational efficiency.

EDUCATION

Technologist in Systems Analysis and Development (ADS)

Gran Faculdade | Expected Graduation: 2025 - 2027

- **Core Competencies:** Software Engineering, Database Modeling, and System Design.
- **Academic Activities:** Engagement in extensionist projects and technical events focused on high-performance software development.

Computer Technician

IFPB - Instituto Federal da Paraíba | 2021 – 2024

- **Focus:** Programming logic, data structures, and software development fundamentals.
- **Certification:** Completed with a strong emphasis on technical problem-solving and infrastructure.