

# Jesus Daniel Sanchez Rueda

Solutions Engineer & AI-Augmented Full-Stack Developer

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## PROFESSIONAL SUMMARY

Electronic Engineer and AI-augmented full-stack developer with 4+ years of experience building production systems for US-based companies. I bridge hardware and software — from designing enterprise server infrastructure with HP Enterprise servers and Cloudflare Zero Trust, to building complete web platforms, LMS systems, and AI-powered automation tools. I architect solutions, orchestrate AI tools, and deliver at 10x speed.

## EXPERIENCE

### Solutions Engineer & Full-Stack Developer

May 2022 - Present

Smart Finishes LLC | Orlando, FL (Remote from Colombia)

- Designed and deployed enterprise virtualization infrastructure: 3x HP Enterprise DL380, Windows Server 2022, RDS session-based virtualization
- Implemented Cloudflare Zero Trust security, migrating the company from TeamViewer/AnyDesk to enterprise-grade remote work
- Built a complete LMS platform (Smart Finishes Hub) with courses, quizzes, certifications, employee ranking with gamification, and admin dashboards
- Developed an automated Bid Processor with Gemini AI integration for construction bid analysis
- Created "Revision MarIA" — an AI-powered architecture project auditor that detects errors in flooring estimates
- Built a productivity analytics system connecting Trello API to Power BI dashboards with a points-based bonus system
- Managed 6kW UPS backup system and network administration

Tech: JavaScript, React, Node.js, Firebase, Google Apps Script, Windows Server 2022, Cloudflare Zero Trust, Power BI, Trello API, Gemini AI

### Cofounder & Full-Stack Developer

Nov 2022 - Present

Berlin Artesanias | Yopal, Colombia

- Built the full e-commerce platform (berlinartesanias.com) including product catalog, shopping cart, admin dashboard with analytics, AI-powered quote calculator, and SEO optimization
- Leading all business operations: production, quality control, marketing, and customer service
- Developed brand identity and digital presence from scratch

Tech: JavaScript, Firebase, HTML/CSS, CorelDRAW, Laser Cutting

### Full-Stack Developer

Nov 2021 - May 2022

SoftBit S.A.S | Colombia (Remote)

- Developed web modules for PQRS management, quotes, and service request systems
- Built frontend with Angular and Angular Material, backend with C# and .NET Core 2.1
- Managed databases with Microsoft SQL Server

Tech: Angular, C#, .NET Core 2.1, Microsoft SQL Server, HTML, CSS

### Biomedical Engineering Intern

Apr 2021 - Dec 2021

Biometron SAS | Sogamoso, Colombia

- Calibration and maintenance of hospital medical equipment
- Preventive and corrective maintenance of medical devices

## KEY PROJECTS

**SaldoReal** — Public personal finance app for tracking daily accounts, expenses, and balances. Live at [saldoreal-3b07d.web.app](#) (React, Firebase)

**Smart Finishes Hub** — Complete LMS with courses, quizzes, certifications, gamified rankings. Built for a US flooring company (React, Node.js, Firebase)

**Revision MarIA** — AI-powered auditor that analyzes architecture project estimates, detecting calculation errors and pricing discrepancies

## EDUCATION

### Business Intelligence Diploma

Pontificia Universidad Javeriana  
Jul 2023 - Oct 2023

### B.Sc. Electronic Engineering

Universidad Pedagógica y Tecnológica de Colombia  
2016 - 2021

### Computer Maintenance Technician

SENA  
2014 - 2015

## SKILLS

### DEVELOPMENT

JavaScript, React, Node.js, Python, HTML/CSS, Firebase, Google Apps Script, REST APIs, Git, Angular, C#

### INFRASTRUCTURE

Windows Server 2022, HP Enterprise DL380, RDS Virtualization, Cloudflare Zero Trust, Networking

### AI & ANALYTICS

Claude AI, Gemini AI, Prompt Engineering, Power BI, Trello API, Workflow Automation

### LANGUAGES

Spanish (Native), English (Professional Written / Technical)