

Andrés Santos

Full-Stack Developer | NestJS · React · TypeScript · PostgreSQL

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PROFESSIONAL SUMMARY

Full-stack developer with 4+ years of experience in technology and 2+ years building production software remotely for a U.S.-based company. Specialized in NestJS, React, TypeScript and PostgreSQL. Designed and built from scratch a custom POS & inventory system serving 5 sales locations, and delivered e-commerce solutions on WooCommerce. Proven ability to turn manual business processes into automated, scalable software.

TECHNICAL SKILLS

Backend: NestJS, Node.js, TypeScript, REST APIs, TypeORM, JWT authentication

Frontend: React, TypeScript, Tailwind CSS, HTML, CSS

Databases: PostgreSQL, relational database design

E-commerce & CMS: WordPress, WooCommerce

Payments & Integrations: Square

Retail / POS Platforms: SalePro, Lightspeed, Kyte

Architecture & Practices: Custom business systems, process automation, full software development lifecycle

Tools & Practices: Git, GitHub, Docker · AI-assisted development (LLMs, code assistants)

PROFESSIONAL EXPERIENCE

JC Barber & Beauty Supply — Florida, USA (Remote)

Software Developer

Jul 2024 – Present

- Designed and built from scratch a custom POS & inventory system (NestJS, React, TypeScript, PostgreSQL), unifying two disconnected platforms (Lightspeed in stores, Kyte in mobile units) into a single source of truth.
- Centralized operations across 5 sales points (warehouse, 2 stores, 3 mobile units) for ~15 active users — enabling accurate cross-location inventory control and faster product lookups that previously required physical searches.
- Built a system handling 5,000+ SKUs and 100+ registered clients, with automated inventory counting and product/activity tracking.
- Developed and launched the company's online store (WordPress/WooCommerce), integrating Square as the payment processor — live at j sbarberstore.com.

Technical Support

Jul 2022 – Jul 2024

- Served as the team's technical reference: configured equipment and trained users on Excel and retail/POS systems (SalePro, Lightspeed, Kyte).
- Automated Excel spreadsheets to streamline repetitive tasks and reduce manual work — the first step toward custom software solutions.
- Managed invoicing, data entry and cleanup, and control of operational information.
- Exported and cleaned product data (Excel/CSV), producing filtered product listings and catalogs in PDF for the sales team.

Instituto Nacional Ernesto Flores — El Salvador

IT Support Intern (University Social Service)

Aug 2019 – Jun 2020

- Performed hardware maintenance and repair (part replacement, cleaning) on laptops and desktop PCs.
- Installed and configured software from scratch: operating systems, Office and required tools.
- Trained teachers and students in basic IT and resolved user technical queries.
- Managed networks, equipment inventories and data cleanup.

FEATURED PROJECTS

JC Barber Store System — *Custom POS & Inventory Platform*

- Flagship system I designed and built as sole developer: a private, production multi-location POS & inventory platform (NestJS, React, TypeScript, PostgreSQL) running the daily operations of a U.S.-based retail company.

j sbarberstore.com — *Online Store · WooCommerce*

- Production e-commerce I developed and launched end-to-end: product catalog, Square payment integration and active online sales operation — live at j sbarberstore.com.

EDUCATION

B.Sc. in Computer Systems Engineering — Universidad de El Salvador (UES) · 2021

LANGUAGES

Spanish: Native

English: Intermediate (B1) — currently enrolled in formal English courses, actively improving.