JOSTIN NAVA

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PROFESSIONAL SUMMARY

Full Stack and automation developer with experience in warehouse management systems (WMS) integrated with ERP, data pipelines, and business intelligence tools. Background in Physics and Software Engineering brings a rigorous, systematic approach. Proficient in TypeScript, NestJS, React, Python, and SQL/PostgreSQL to build end-to-end software and data products.

PROFESSIONAL EXPERIENCE

SoftBank 2026

Full Stack Developer — Warehouse WMS / PDA System (ERP integration)

- Carried out the migration of a warehouse WMS backend from Express to NestJS (strict TypeScript), achieving verified functional parity with the legacy system through a contract-test suite that compares both APIs.
- Integrated the WMS with the ERP across receiving, cycle counting, inventory, transfers, and scrap, keeping warehouse operations in sync with response validation and typed failure handling.
- Made the platform production-ready: PIN-based JWT authentication with role-based access, closure of exposed system routes, and reliability controls (30 s query timeout, DB keepalive, PM2), validated by integration, e2e, and equivalence tests.
- Delivered an Android PDA app (React/Vite + Capacitor) with 17 operational screens, barcode scanning, and 3-language support (ES/EN/KO), featuring a redesigned, AA-accessible UI with light/dark mode for floor operations.

PlayOut Kids 2025 – 2026

Data Analyst & Automation Developer

- Led a historical sales data recovery, raising data concordance from 40% to 100% and enabling multi-year trend analysis.
- Designed master control databases (shipments, arrivals, inventory, sales, finances) structured around demand forecasting models.
- Built operational dashboards adopted across 6 departments and automated workflows (smart alerts, auto-assignment, status triggers) that reduced manual coordination.
- Deployed automated ETL pipelines and QA/testing routines for the e-commerce site, improving release confidence.

GH2 Systems 2025

Frontend Developer

- Developed web apps with React, TypeScript, Next.js, and React Router v7 (SSR), including real-time pricing logic and e-commerce flows integrated with REST APIs; modular components with Material UI and Vite.

VOLUNTEER EXPERIENCE

FIRST Robotics – FRC TIGRES 6652 2021 – 2023

Administrative Coordinator & Team Member

- Coordinated logistics, budgeting, and planning for international robotics competitions, and took part in robot development and control-systems programming.

TECHNICAL SKILLS

Development: TypeScript, NestJS, Node.js, Express, React, Next.js, Vite, Capacitor, Zustand, REST APIs, JWT, FastAPI
Data & Automation: SQL, PostgreSQL, Fortran, Power BI, Python (pandas, numpy), ETL, Advanced Excel, monday.com, dashboards, automated testing
Tools: Git, GitHub Actions (CI/CD), PM2, Railway, Scrum, Jupyter

EDUCATION

Universidad Ciudadana de Nuevo León (UCNL) In progress

B.Sc. Software Engineering

Universidad Autónoma de Nuevo León (UANL) 2023 – 2025

B.Sc. Physics (incomplete)

EIAO – UANL 2020 – 2023

Associate Degree in Industrial Mechatronics

LANGUAGES

Spanish: native | English: intermediate (B1)