**Jonathan Sansó | Full-Stack Developer (React/Next.js, Node.js/NestJS) | Multi-tenant SaaS (Supabase/Postgres RLS) | POS/Orders & Data Integrity | AI Document Automation | Security-first**

Core strengths: Tenant isolation & **RBAC** (**RLS**/Policies), POS/Orders lifecycle, Inventory/Stock integrity, **Complex UI & forms (**modals**,** validation**,** state management**)**, **Maps/GIS integrations** (Google Maps/Leaflet), Reporting exports (PDF/Excel), Secure integrations; AI document **intelligence** (**OCR/NLP/STT**), **Cryptographic** verification (**HMAC/JWT**), Security controls (**MFA**, **CSRF**, Rate limiting).

**Stack:** Next.js/React, TypeScript, Supabase/PostgreSQL (RLS, Triggers, RPC), NestJS/Node.js, Prisma, Python (FastAPI, Pandas), Docker, NGINX/Linux, AWS, Terraform.

Buenos Aires, Argentina | Open to Remote | +54 9 11 6912-3268 | jonasans2@live.com.ar | English B2 | **https://portfolio-sanso-jonathan.netlify.app** | **https://github.com/jonathansansok** | **https://linkedin.com/in/jonathan-sanso-fullstack**

## Professional Experience:

**Ocean Stack - Full-Stack Developer (Multi-tenant SaaS for restaurants & bars)** | Dec 2025 - Present
preview at: **https://niappa-restaurant.vercel.app/**

1. Shipped weekly product increments in a structured delivery loop: **Figma** as **source** of **truth**, daily alignment with **CTO** + **Project Manager**, iterative releases, and UX/UI polishing (**Next.js**, **TypeScript**, **Tailwind**).
2. Implemented tenant-safe isolation and role-based permissions across modules so each business only sees and mutates its own data (**Supabase Postgres**, **RLS/Policies**).
3. Delivered operational back-office flows (products, ingredients, stock, counts, suppliers) with strong data consistency guarantees via DB automation and indexed workflows (**Postgres triggers**, **indexes**, **SQL/RPC**).
4. Implemented orders at scale: table sessions + split checks, resilient order lifecycle, and safe **edit**/**void**/**restore** flows that keep **stock accurate** end-to-end (**RPC**, **transactional integrity**, **idempotent stock adjustments**).
5. Delivered reporting exports used by operations: **PDF**/**Excel** (**sales** + **cash**/**audit**), plus productivity-focused **UI** improvements (search, sorting, confirmations, ES/EN i18n) (**PDF/Excel generation**, **i18n**, **UI state management**).

**Argentine Federal Penitentiary Service - Full-Stack Developer / AI Engineering** | Jan 2024 - Present *(Private repos on request)*

1. Led delivery of a **two-platform ecosystem** (internal operations platform + public verification portal), ensuring **secure data flows**, consistent reporting, and **controlled access** for multiple stakeholders (**React**, **Next.js**, **TypeScript**, **Tailwind**, **NestJS** and **Prisma**).
2. Built an AI-assisted document intelligence pipeline to extract and summarize information from scans/images/audio, enabling auto-completion and human-in-the-loop review (**Python**, **FastAPI**, **Tesseract OCR**, **NLP**, Speech-**to-Text**).
3. Automated operational reporting outputs (PDF/Excel/Word) with charts, filters, and standardized formatting to replace manual workflows and accelerate decisions (**PDF/Excel/Word generation**, **TypeScript**, **Pandas**).
4. Engineered secure document verification and time-**limited access** for **externally shared** reports using **cryptographic validation** and anti-exfiltration controls (**watermarking + restricted actions**) (**HMAC-SHA256**, **JWT (HS256)**).
5. Implemented end-to-end security across both platforms: authentication with **MFA**, **CSRF protection**, **input sanitization**, **rate limiting**, and hardened HTTP controls (**Auth0 2FA**, **CSRF**, **Helmet/CORS**, **rate limiting**).
6. Delivered reliable deployments and continuity via containerized infrastructure, **reverse proxying**, and automated backups on self-managed Linux servers (**Docker**, **NGINX**, **Debian/Linux**).
7. Built a secure integration layer for internal↔external workflows with signed requests, **idempotency**, clock-skew validation, and file integrity checks (**signed API**, **idempotency keys**, **clock-skew validation**, **SHA-256 integrity**).

**VirtuaState - Frontend Developer** | May 2022 - Jul 2022

1. Built a responsive marketing/portfolio site for a VR/AR studio, improving discoverability and load performance through SEO and performance optimizations (**HTML5**, **CSS3**, **JavaScript**, **mobile-first**). Live: **www.virtuastate.net**

## Education:

**Higher Degree in Programming - Teclab** | Aug 2022 - Aug 2024

1. Completed a higher-education program covering software fundamentals and delivery practices, including databases, web development, UX, cloud basics, and project management (**SQL**, **Web Development**, **UX**, **AWS fundamentals**, **Project Management**).

**Full-Stack Web Development - CoderHouse** | Jan 2022 - Mar 2023

1. Delivered multiple end-to-end projects on schedule, covering frontend and backend foundations and web app architecture (**HTML5**, **EJS**, **CSS/SASS**, **React**, **Node.js**, **MongoDB**, **Express**, **GraphQL**). Live at: **https://react-e-commerce-j-sanso.vercel.app**