

# Luis Daniel Villalpando Hurtado

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## PROFESSIONAL SUMMARY

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Full Stack Developer with 3+ years of experience designing and delivering scalable web applications using TypeScript, Next.js, and Node.js. Proven track record building production-grade platforms with JWT/OAuth authentication, RESTful APIs, and both relational and non-relational databases. Currently expanding into AI Engineering — integrating LLM APIs (OpenAI/Anthropic) and building AI-assisted workflows — and Cloud Infrastructure (AWS). Committed to clean code, performance optimization, and continuous delivery of high-impact digital solutions.

## TECHNICAL SKILLS

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**AI & LLMs:** GitHub Copilot, Cursor, Prompt Engineering, OpenAI API, Anthropic API, LangChain, AI Agents

**Frontend:** HTML5, CSS3, JavaScript (ES6+), React, Next.js (App Router), React Hook Form, TanStack Query, Zustand

**Styling & UI:** Tailwind CSS v4, Bootstrap, Sass/SCSS, Responsive Design, Figma

**Backend:** Node.js, Express.js, RESTful API Design, Better Auth, JWT, OAuth 2.0

**Databases & ORMs:** PostgreSQL (Neon), MongoDB, MySQL, Prisma ORM, Mongoose, Sequelize

**Cloud & DevOps:** AWS (Developer Associate – In Progress), Docker, Vercel, Git/GitHub, Cloudinary, Zod

## WORK EXPERIENCE

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**Freelance Full Stack Developer** — [Self-Employed](#) 2022 – Present

*Design and deliver end-to-end web applications for clients, translating business requirements into high-performance technical solutions. All projects below are deployed and publicly accessible.*

**Gym Tracker** 2026

- Architected a mobile-first fitness platform serving active users tracking workout routines and body measurements, achieving sub-2s load times via Next.js App Router server-side rendering.
- Reduced image delivery latency by ~60% by integrating Cloudinary CDN for dynamic progress photo storage and transformation.
- Implemented real-time progress charts and body metric dashboards, improving user engagement and retention of tracked data.

**Stack:** Next.js 15, Prisma, Neon (PostgreSQL), Tailwind CSS v4, Cloudinary, Zod

**Secrets App** 2026

- Built a secure secrets management platform with full CRUD architecture, server-side pagination, and real-time filtering — handling sensitive data with zero plaintext exposure.
- Implemented multi-provider authentication (Google OAuth + email/password) via Better Auth, eliminating custom auth complexity and reducing auth-related bug surface.
- Designed a normalized PostgreSQL schema with Prisma 6 and Neon serverless, ensuring high availability and consistent query performance under concurrent load.

**Stack:** Next.js 15, Better Auth, Prisma 6, Neon DB, Zustand, React Hook Form, Zod

**Task Manager** 2025

- Developed a collaborative project management tool with Drag & Drop task board, supporting multi-user teams with real-time status updates.
- Engineered a role-based access control (RBAC) system with granular permissions and a full activity log — giving team leads complete visibility into all project changes.
- Achieved seamless data synchronization using TanStack Query for optimistic UI updates, reducing perceived latency for end users.

**Stack:** React + Vite, Express, Node.js, MongoDB, Mongoose, TanStack Query, TypeScript, Tailwind CSS

**Food Kiosk** 2024

- Delivered a full restaurant management system with three synchronized views: customer kiosk, live kitchen display, and admin panel — eliminating paper-based order errors.
- Synchronized real-time inventory and order management with Prisma ORM + PostgreSQL, preventing overselling and reducing manual reconciliation time.
- Designed an intuitive admin panel enabling non-technical staff to manage menus and inventory independently.

**Stack:** *Next.js 14, Prisma, PostgreSQL, Zustand, Cloudinary, Tailwind CSS, TypeScript*

## EDUCATION

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**B.S. in Computer Systems Engineering** — *Tecnológico Nacional de México* 2018 – 2023

*Specialization: Databases • Relevant Coursework: Project Management, Networks & Connectivity*

## CERTIFICATIONS & CONTINUOUS LEARNING

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- AWS Certified Developer – Associate | In Progress – Expected: 2026
- AI Engineer Bootcamp: LangChain, Agents & LLMs — Udemy (2026)
- Full Stack Web Development — FreeCodeCamp (2019 – 2024)
- React and TypeScript — Udemy, Juan Pablo de la Torre Valadez
- Node.js, MVC Architecture & REST API Design (Online)
- Networks and Connectivity — CISCO / NetAcad (2022)

## ADDITIONAL INFORMATION

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**Work Authorization:** Authorized to work in the United States | **Languages:** Spanish (Native) • English (Professional Working Proficiency)