

Denner Navarro

Senior Software Developer

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PROFESSIONAL SUMMARY

Senior Software Developer with 10+ years of experience leading and building scalable, intelligent applications across web, cloud, and AI. Skilled in modern web technologies including Vue.js, Nuxt, React, TypeScript, Node.js, PHP, and Python, with a strong background in cloud infrastructure, DevOps, data pipelines, and AI/LLM integrations on AWS.

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, PHP, Python, C#

Frontend: Vue.js, Nuxt 3, React, Redux, AngularJS, Lit, Tailwind CSS, WebRTC

Backend: Laravel, Node.js, Express.js, RESTful APIs, WebSockets, Microservices

Data & AI: AWS Bedrock (Claude / LLMs), Apache Airflow, Pandas, Selenium, ETL Pipelines, BigQuery, RDS

Cloud & DevOps: AWS (EC2, Lambda, S3, CloudFront, API Gateway, MediaLive, Route 53, ELB, Glacier)

Other: Unit Testing, Stripe, FFmpeg, RFID/IoT integrations

PROFESSIONAL EXPERIENCE

AfterMarket INC — Staff Developer

New York • Apr 2026 – Present

- Designed and built a domain appraisal/valuation engine (Estibot-style) on Python and Apache Airflow, scoring domains through a multi-factor model combining comparable-sales history, linguistic/brandability features, search-demand signals (volume, CPC), TLD multipliers, and traffic/backlink data.
- Automated the appraisal pipeline as scheduled Airflow DAGs, enriching marketplace listings with data-driven price estimates and reducing manual valuation work.
- Built and maintained backend services in Laravel (PHP) for a domain-name aftermarket platform, powering listing, pricing, and marketplace-synchronization workflows.
- Developed integrations with third-party domain marketplaces including SEDO and Afternic, retrieving listing and pricing data through their APIs (and reverse-engineering internal endpoints where no public API existed) to keep cross-marketplace data in sync.
- Migrated background jobs (Whois lookups, DNS checks, market price checks) from application servers onto a dedicated Apache Airflow orchestration layer, decoupling jobs from deploys and adding automatic retries, alerting, and full run visibility.
- Designed a Laravel service to trigger and monitor Airflow DAGs via REST API — handling authentication, run-status polling, and error handling — establishing the data/orchestration foundation for the appraisal and pricing pipelines.
- Right-sized AWS EC2 infrastructure by shifting job workloads off oversized application instances, cutting monthly server cost by roughly 45% (~\$6,000/year) while improving reliability.
- Wrote unit-test coverage for the SEDO and Afternic integrations, validating data transformation, API handling, and edge cases to prevent regressions.

EasyRev — Chief Technology Officer & Co-Founder

Brazil • Jun 2024 – Apr 2026

- Spearheaded development of the platform's modern web interface using Nuxt 3, Vue.js, Tailwind CSS, and TypeScript, ensuring performance, scalability, and strong UX.
- Built dynamic dashboards, pricing widgets, and AI-driven assistants using the Vue 3 Composition API (with React for AI chat integration testing).
- Created ETL pipelines and scrapers using Python, Pandas, and Selenium, processing high volumes of hotel market data into RDS and BigQuery.
- Designed and implemented an AI pricing engine powered by AWS Bedrock, integrating large language models (LLMs) to deliver personalized recommendations, daily pricing strategies, and competitive market analysis for hotels.

- Created a multi-tenant AI assistant trained on real hotel data (occupancy, pricing history, seasonality, local events) to answer user queries, perform forecasting, and generate strategic insights directly within the EasyRev dashboard.
- Architected secure Lambda-based API integrations between the Laravel backend, Nuxt frontend, and Bedrock's Claude models, optimizing both latency and token efficiency.
- Built prompts and AI workflows that interpret business data, predict high-demand periods, and surface actionable revenue-management opportunities in structured JSON.
- Enabled early-stage hotels to access premium revenue-management (RMS) capabilities without hiring in-house revenue managers, using scalable GenAI features built on Bedrock.

GoTo (formerly LogMeIn) — Senior Software Developer

Montreal • Jun 2019 – Jan 2025

- Built and maintained React and Redux (TypeScript) components for softphone and call-center tools.
- Led the migration of the entire project to Lit components and a microservices architecture.
- Integrated WebRTC into the frontend architecture for real-time voice features, directing the WebRTC initiative that underpinned the softphone application.
- Led development of a VoIP softphone application and managed phone-related projects that expanded the client base and drove revenue growth.
- Created the common SDK enabling third-party consumers to integrate with the call system.
- Mentored and trained new developers.

Digicast — Senior Software Developer

Montreal • Sep 2018 – Jul 2019

- Led the inception and development of iCastGo, a SaaS platform for scalable, independent corporate webcasts.
- Worked as a full-stack developer using Laravel (PHP) on the backend and Vue.js on the frontend to deliver a seamless user experience.
- Implemented authentication and role-based access with Laravel Spatie, and integrated Stripe for billing and subscription management.
- Designed a scalable media infrastructure on AWS using MediaLive, Lambda, and API Gateway to dynamically spin up streaming pipelines during high-demand events.
- Integrated RTMP live-video ingestion with AWS Media Services (storing to S3, archiving to Glacier), built for high concurrency and peak-time usage via horizontal scaling.

Connect&GO — Senior Software Engineer

Montreal • Jan 2018 – Sep 2018

- Developed scalable RESTful APIs using Laravel and TypeScript, enabling communication between RFID wristbands, tablets, and access-control devices at large-scale events and amusement parks.
- Built a real-time data pipeline using WebSockets for instant feedback between devices and the backend, supporting live access logging, cashless payments, and on-site interactions.
- Designed and implemented a multi-tenant backend architecture supporting multiple venues and simultaneous high-volume visitor activity.
- Deployed and maintained AWS infrastructure (EC2, Elastic Load Balancer, Route 53, S3, CloudFront) for performance, reliability, and scalability.
- Modeled the database to support IoT-style RFID interactions, real-time visitor analytics, and live event tracking across thousands of connected devices.

SimplyPHP — Senior Software Developer

Montreal • Jul 2016 – Dec 2017

- Led and built full applications from scratch to production, including HorseProperties.net and Veloguide.
- Maintained direct client communication to ensure data accuracy, performance, usability, and functionality requirements were met.

Aluno Nota 10 — Co-Founder

Brazil • Jan 2012 – Jul 2016

- Co-founded and led development of Aluno Nota 10, a full-featured Learning Management System (LMS) improving public education in Brazil and reaching nearly 100,000 students.

- Architected the platform with a microservices approach — Node.js (Express.js) for real-time services (live classes, notifications) and Laravel for core functionality.
- Built the frontend in AngularJS and implemented features including video classes, interactive quizzes, progress tracking, and student dashboards.
- Integrated PagSeguro for subscription payments and district licensing, and oversaw infrastructure, scalability, and the full product lifecycle from ideation to nationwide deployment.

Oldflix — Co-Founder

Brazil • Jan 2016 – Jul 2016

- Co-founded Oldflix, a niche video-streaming platform for classic-movie enthusiasts in Brazil, later acquired by a local television network.
- Architected a scalable video platform using Laravel (later migrated to C#) with an Angular frontend (later Vue.js).
- Built a full video-processing pipeline with FFmpeg and a secure streaming system on AWS MediaLive, S3, and CloudFront CDN.
- Led the platform through launch and growth, contributing to business development and technical due diligence for its acquisition.

EDUCATION

Systems Analysis and Development

Universidade Estácio de Sá • 2012 – 2016