



# Dani Alva

## Senior Backend Engineer - AI-Augmented

PHP · NestJS · GraphQL · AI

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GitHub: [github.com/tekodan](https://github.com/tekodan)

Independent contractor · Remote · Eastern Time (ET)

### PROFESSIONAL SUMMARY

Senior Backend Engineer with 14+ years building scalable APIs, distributed microservices, and headless e-commerce platforms. Specialized in PHP (Laravel, Adobe Commerce), NestJS, and GraphQL Federation. Currently architecting a production-grade headless commerce platform on AWS EKS for a US-based retail brand. Systems Engineer with postgraduate background in software engineering and cybersecurity I work as an independent contractor — remote-first, async-friendly, and available worldwide.

### TECHNICAL SKILLS

#### BACKEND

PHP Adobe Commerce Laravel Python FastAPI Django Node.js NestJS

#### APIS & ARCHITECTURE

REST APIs GraphQL API Design & Architecture Distributed Systems

#### CLOUD & DEVOPS

AWS DigitalOcean Vercel Docker Kubernetes CI/CD DevOps GitHub GitLab Bitbucket

#### DATABASES

PostgreSQL Supabase MariaDB Oracle Meilisearch

#### AI & AGENTIC

Artificial Intelligence Prompt Engineering RAG LangChain n8n Ollama ChromaDb Claude Code GitHub Copilot

Aider OpenClaw Gemini Cli Gwen Codex DeepSeek Llama Gemma GLM Kimi MiniMax

#### ENGINEERING PRACTICES

Backend Engineering SOLID Principles Clean Code Test-First Mindset Unit, Integration, and E2E Testing

Spec-Driven Development

#### LEADERSHIP

Scrum Master Agile Coach

### PROFESSIONAL EXPERIENCE

#### Senior Backend Engineer

2022 – Present

Deviget LLC — New York, USA (Remote)

- Architected and maintained a headless Adobe Commerce platform using React, Next.js, and NestJS microservices on AWS EKS.
- Designed scalable APIs and GraphQL Federation layer for enterprise e-commerce integrations.
- Improved platform performance, deployment reliability, and CI/CD workflows for a high-traffic production environment.

#### Team Lead / Senior Developer

2023 – 2024

Omnipro — Panama (Remote)

- Led the development of the new RadioShack e-commerce platform for Central and South America.
- Delivered headless commerce solutions for global brands including The North Face and Converse.

- Managed cross-functional development teams under Agile methodology using Adobe Commerce.

## Semi Senior Magento Developer

2021 – 2022

Suma Solutions — Argentina (Remote)

- Developed large-scale Adobe Commerce implementations for Blue Star Group (Todomoda & Isadora) across 11 countries.
- Optimized checkout flows and inventory synchronization for high-traffic retail storefronts in LATAM.

## Developer / Founder

2020 – Present

Udoc / Sion Ingeniería — Colombia

- Co-founded and developed ClinicalApp, a SaaS practice management platform for health clinics built with Laravel and Android.
- Implemented digital health records with interactive odontograms and automated scheduling systems.

## Full-Stack Developer

2012 – Present

Various Agencies & Freelance — Latin America

- Built and maintained business-critical software for diverse clients including Compuconta (ERP) and retail brands like FYA Ferretería and Sole Peru.
- Modernized legacy PHP systems using Laravel and Symfony frameworks for improved scalability.

## Project Manager / Digital Innovation

2016 – 2019

Gobernación de Nariño — Colombia

- Directed the development of GanaPAE Software, a nationally awarded transparency platform for school feeding programs.
- Led the Museo Virtual del Carnaval project, an immersive 3D experience using photogrammetry to preserve regional heritage.
- Architected ERIS, the first digital mapping platform for social innovation initiatives in the department.

## KEY PROJECTS & PRODUCTS

### RadioShack (Unicomer)

Unicomer · 2024

Total redesign of the e-commerce platform for Central and South America. Implementation of a unified backend for multi-country management and integration with global marketplaces like Amazon and Walmart.

*Technologies: Adobe Commerce · Magento · PHP · Elasticsearch*

### Sole

Summa Solutions (Infracommerce) · 2022

Conversion-oriented platform for household appliances. Includes technical installation scheduling directly from the checkout and integration with local payment gateways.

*Technologies: Magento · PHP · MySQL · ERP Integration*

### Todomoda

Blue Star Group · 2021

Implementation of the e-commerce platform under a "Phygital" strategy for the leading accessory brand in LATAM. Integration of 800+ physical stores with the digital channel and optimization for high-demand events like Hot Sale.

*Technologies: Adobe Commerce · Magento · PHP · MySQL · Redis*

### Isadora

Blue Star Group · 2021

Deployment of online stores with a focus on personalization and real-time inventory synchronization across 11 countries. Scalable architecture built on Adobe Commerce to support global traffic peaks.

*Technologies: Adobe Commerce · Magento · PHP · Varnish · MySQL*

### FYA Ferretería

Summa Solutions (Infracommerce) · 2021

Development of a hybrid B2B/B2C e-commerce portal for construction materials. Features advanced faceted search for complex technical catalogs and custom pricing rules.

*Technologies: Magento 2 · PHP · MySQL · Elasticsearch*

### ClinicalApp (Sion Ingeniería)

Sion Ingeniería · 2020

SaaS for digitizing medical and dental processes. Includes electronic health records with interactive odontograms, appointment scheduling, and administrative management for clinics.

*Technologies: PHP · Laravel · SQL Server*

## GanaPAE

Narino Government · 2017

Transparency platform awarded the national INDIGO 2017 Prize (MinTIC) and the Ingenio 2018 Prize (Fedesoft) for open government innovation. (Project currently non-operational).

*Technologies: PHP · MySQL · Google Maps API · Open Data · Java · Android*

## Compuconta

Compuconta Software · 2012

Modernization of a leading ERP for public and private sectors in Colombia. Development of electronic payroll, invoicing, and accounting modules using PHP (Laravel/Symfony) standards.

*Technologies: PHP · Laravel · Symfony · MySQL · React · PostgreSQL*

## EDUCATION

### Master's in Software Engineering and Management

UTEL University — 2023

### Specialist in Cybersecurity

UNAD

### Systems Engineer

UNAD

## AWARDS & RECOGNITION

- National INDIGO Award - Innovation in Open Government — Colombian Ministry of ICT (MinTIC) - GanaPAE (2017)
- Ingenio Award - Best Social Impact Software — Fedesoft - GanaPAE & Museo Virtual del Carnaval (2018)
- World Best Practice in Open Government Recognition — UNDP - Dale la Pata Platform (2019)

## CERTIFICATIONS

### Agile Coach Accredited Certification

International Scrum Institute · 12/2021

ID: [07376320637296](#)

### Digital Marketing Professional Certificate (DMPC)

CertiProf

ID: [TLSQVDHHKG-MTPHSSHQ-RPSDTRKSDH](#)

### Scrum Master

CertiJoin · 12/2020

ID: [nfBfKZ3TL6](#)

### DevOps Architect

International DevOps Certification Academy · 12/2021

### Design Thinking Diploma

University Mariana · 12/2017

### Cybersecurity Expert

CertiJoin · 12/2021

ID: [3QNdTJdALS](#)

### Scrum Foundation

CertiJoin

ID: [wA4w9Ws7Yu](#)

### Software Tester

Testing Institute · 12/2021

ID: [12600370833184](#)

### Leadership Diploma

University of Rioja · 12/2020

## LANGUAGES

Spanish — Native · English — B2 (professional working proficiency)