

David Domingo

Staff / Principal Software Engineer | Full-Stack, Platform & Integrations

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SUMMARY

Staff / Principal Software Engineer with 15+ years designing and building scalable, event-driven systems, high-performance frontends, and reliable integrations across AWS, GCP, and Kubernetes. Deep hands-on experience in architecture, performance optimization, and platform modernization.

CORE SKILLS

Languages & Frameworks: TypeScript / Node.js (NestJS), Java / Kotlin (Spring Boot), Go, Python (FastAPI), React, React Router, Next.js, Angular

Cloud & Infrastructure: AWS (EKS, ECS, Lambda, API Gateway, SQS, S3, RDS), GCP, Cloudflare Workers, Kubernetes, Docker, IaC (CDK, Pulumi, Terraform), CI/CD

Data & Reliability: PostgreSQL, MySQL, DynamoDB, Snowflake, BigQuery, ClickHouse, NATS, Datadog, SLOs, Performance & Database Optimization

Architecture & Practices: Event-Driven Systems, Microservices, Integrations, API Design, Technical Leadership, Mentorship

EXPERIENCE

Phoenix Ecommerce Technologies - Mooresville, NC (Remote)

Engineering Lead | Feb 2026 - Present

- Architect and deliver payments end to end: React + React Router checkout, a server-rendered React portal, and a NestJS backend on AWS EKS (MySQL), plus Cloudflare Workers and GCP / BigQuery / ClickHouse analytics.
- Improved database performance ~34% and eliminated lock contention (Repeatable Read to Read Committed); hardened Shopify webhooks and added payment-gateway reconciliation.
- Raised all service SLOs to four nines (99.99%) with Datadog observability; champion an AI-assisted SDLC with Claude Code.

Tech: React, NestJS, AWS EKS, MySQL, Cloudflare Workers, GCP, BigQuery, ClickHouse, Datadog

PetScreening - Mooresville, NC (Hybrid)

Senior Staff Engineer (prev. Staff Solutions & Staff Software Engineer) | Jan 2024 - Mar 2026

- Set technical direction, architecture, and strategy across effectively every engineering project; partnered with the incoming Principal to shape the stack.
- Defined resilient partner-integration standards (webhook queuing, polling, two-way sync) for the largest partners; led decoupling of a Ruby on Rails monolith into domain services.
- Introduced trunk-based development and feature flags and kick-started Project Paws (an AI-driven verification initiative) as engineering scaled from 2 to 15 (650%).

Tech: Kotlin, Spring Boot, Go, NestJS, TypeScript, NATS, AWS (EKS / ECS / Lambda), Pulumi

EARLIER EXPERIENCE

Senior Software Engineer, ParetoHealth | Remote | 2023 - 2024

Senior Software Engineer, Bonus Homes | Remote | 2022 - 2023

Software Engineer, Sunday | Remote | 2022

Senior Consultant, Slalom | Charlotte, NC | 2020 - 2022

Lead Developer, PayTomorrow | 2017 - 2020

EDUCATION

M.S. High Performance Web Development & B.S. Multimedia Engineering - La Salle, Universitat Ramon Llull (Barcelona, Spain)

LANGUAGES

English (Native), Spanish (Native), Catalan (Native)