

# Carlos Olivo

Senior Software Engineer · Full-Stack & Platform Architecture

United States · Open to Remote or Hybrid

hello@carlos-olivo.dev · linkedin.com/in/carlos-engel-olivo-carmona-a1184917b/ · github.com/Carlos0934

Full-stack engineer focused on building scalable APIs, event-driven systems, and SaaS architectures with JavaScript/TypeScript, .NET, and Go. Experienced integrating complex travel-tech providers, optimizing distributed workloads, and automating deployments. I bridge architecture and execution — translating ideas into maintainable, high-performance software.

## PROFESSIONAL EXPERIENCE

SELECT ROLES

### Backend Developer — Hotel Connectivity & Quoting Systems

Jun 2024 – Present · Remote (US)

PriceTravel Holding

- Designed and implemented hotel provider integrations including SiteMinder (SiteConnect), TravelClick, Omnibees, Gin RateFox, and TravelGate HotelX, enabling real-time rate and availability synchronization.
- Provided technical support and performance optimization for Hotelbeds, DerbySoft, SynXis, and Expedia (Rapid API) integrations, improving reliability and API consistency.
- Built a DAX-backed materialized view for exchange rates, powered by a background worker, reducing currency retrieval latency and eliminating redundant database queries.
- Developed a DAX-optimized promotions materialized view for internal supply, cutting quote service query load and improving responsiveness.
- Collaborated with the quoting service team to enhance the currency conversion flow, improving system accuracy and overall performance.

### Backend Developer — SaaS Platforms & Cloud Infrastructure

Feb 2024 – Present · Remote (US)

ListoApp (Chile)

- Reduced AWS Lambda cold start duration by 50% and package size by 500% through a pre-deployment bundling process.
- Implemented event-driven architectures using AWS SNS and EventBridge for a scalable notification system.
- Built GraphQL APIs with NestJS and TypeScript integrated with S3 and multi-tenant SaaS models for Sektor.app, connecting insurance companies, service providers, and agents.
- Developed the backend API for Centuria.app — a multi-role network management platform with graph-based structures, activities, and task management using MongoDB.
- Created the real-time API and Chrome-based scraper for RoulettesView.com, tracking 128 roulette tables and emitting deduplicated live results via WebSockets using Go and goroutines.
- Implemented CI/CD pipelines with GitHub Actions to automate AWS deployments and ensure continuous integration.

### Software Developer — Web & Mobile Development

Jul 2022 – Jun 2023 · Remote

Drimo

- Designed, developed, and debugged cross-platform mobile and web applications using React.
- Maintained and optimized multiple serverless APIs deployed on AWS, improving reliability and cost efficiency.
- Developed new features for a microservices ecosystem using NestJS and GraphQL to ensure smooth service communication.
- Migrated the company's blog and website to Next.js via automated web scraping, improving load speed and SEO performance.

## KNOWLEDGE AREAS

Full-stack web development with JavaScript/TypeScript, .NET, and Go  
Event-driven systems, hotel provider connectivity, and API integrations

## TOOLS & DEVELOPER STACK

### Languages & Runtime

TypeScript, JavaScript, C#, Go, SQL, Node.js

### Frameworks & Services

NestJS, React, Next.js, .NET 8, GraphQL, Serverless Framework

### Cloud & Infrastructure

AWS (Lambda, SNS, EventBridge, DAX, S3), Docker, GitHub Actions

### Data & Caching

PostgreSQL, MongoDB, Redis, DAX, DynamoDB