Daniel Aquino Villegas

Full Stack Developer | Cloud & DevOps (AWS / GCP / Azure)

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SUMMARY

Full Stack Developer with 4+ years building production web and mobile systems across the full SDLC, working remotely since 2023. Shipped a DOT/FMCSA compliance SaaS for US carriers, migrated a financial-asset auction platform with 100K+ users from PHP to Next.js/.NET, and built logistics software with Mexican Carta Porte tax stamping. Comfortable owning features end to end, from database design and APIs to the frontend and cloud deployment on AWS, Google Cloud, Azure and Vercel.

PROFESSIONAL EXPERIENCE

Dev Climbers — Full Stack Developer Aug 2025 – Present

Remote

- **Hemel:** building an appraisal management system for property valuers in Ensenada, Baja California, with a .NET backend built on the Unit of Work pattern. Own the Azure cloud infrastructure and integrations.
- **Ask Lenny:** developed a cross-platform mobile app with Flutter.

Stack: .NET, Azure, Flutter, Dart

Idoo (formerly Fonsecantero) — Full Stack Developer Feb 2025 – Aug 2025

Remote

- **RTC Logistics:** built the core modules for fleet assets (vehicles, trailers, dollies) and operators, plus the full cargo workflow from trip assignment to delivery tracking.
- Integrated the tax logic that generates and stamps Carta Porte documents, Mexico's mandatory transport invoice, and automated reporting with Google Apps Script.
- Designed a financial module that compares projected budgets against actual per-trip expenses.
- Built an internal document management system and an HR management system.

Stack: PHP, JavaScript, jQuery, MySQL, Docker, Google Apps Script, GitLab

Dev Climbers — Full Stack Developer Sep 2023 – Feb 2025

Remote

- **CTT Auctions:** led the migration of a legacy PHP auction platform for financial assets to Next.js and a .NET backend built on the Unit of Work pattern, moving 100K+ users with no disruption to access.
- Designed the legacy data migration strategy and a hybrid authentication flow that upgraded password security without forcing a reset.
- Built real-time bidding and asset management features.
- **Rocca Arquitectura:** built a construction-site tracking platform that replaced WhatsApp and paper workflows, with photo-evidence reports and a Drive-style document module with dynamic access control.
- **Ficha:** developed a Flutter mobile app with Firebase as the cloud backend.
- **EspoCRM:** customized and extended EspoCRM for client business workflows.

Stack: React, Next.js, TypeScript, Node.js, .NET, Go, PHP, PostgreSQL, AWS, Google Cloud, Flutter, Firebase, EspoCRM

BluAgent Technologies — Full Stack Developer

Feb 2022 – Sep 2023

On-site · Tijuana, MX · Joined through the TecNM professional residency program

- Developed a DOT/FMCSA compliance SaaS used by cross-border (US–Mexico) carriers.
- Built the engine that generates legal PDF reports to FMCSA standards.
- Built web features with ASP.NET Core MVC, Razor views and jQuery.
- Integrated third-party telematics APIs for real-time video incident monitoring, plus geolocation with the Google Maps API.
- Implemented business logic on AWS Lambda and optimized complex SQL Server queries for high-density nested reports.
- Temporarily led the CI/CD deployment flow and QA to keep production stable.

Stack: React, .NET (ASP.NET Core MVC), jQuery, SQL Server, AWS Lambda, AWS S3, Stripe API, Google Maps API

PROJECTS

NextDrive — Co-founder, Cloud & Full Stack Engineer

2026 – Present

Personal venture with a small team

- Co-building NextDrive, a web platform that keeps US carriers' DOT/FMCSA records audit-ready: driver qualification files, inspections and DVIRs, repair work orders and downloadable audit packages.
- NextDrive works hand in hand with NextWallet, the companion iOS and Android app where drivers keep their credentials and upload documents into the same compliance record.
- Own the cloud architecture on Google Cloud and Firebase (Firestore) and build features across the stack.

TECHNICAL SKILLS

Frontend	React, Next.js, TypeScript, JavaScript, jQuery, Angular, Redux, Tailwind CSS, Bootstrap
Backend	Node.js, Express, .NET (C#, Unit of Work pattern), ASP.NET Core MVC, Go, PHP, Python, REST APIs, Swagger
Mobile	Flutter, Dart
Databases	PostgreSQL, SQL Server, MySQL, Firebase / Firestore
Cloud & DevOps	AWS (Lambda, S3), Google Cloud, Azure, Firebase, Vercel, Docker, CI/CD (GitHub, GitLab)
Integrations	Stripe, Google Maps, Telematics APIs, FMCSA data, Carta Porte stamping, Google Apps Script, EspoCRM
Tools	Git, Postman, Sourcetree, Claude Code (AI-assisted development)

EDUCATION

B.S. in Computer Systems Engineering

TecNM, Instituto Tecnológico de Tijuana

Aug 2018 – Aug 2023 · Coursework completed; degree conferral in progress

Self-directed training: Cybersecurity, Cisco Networking, Game Development.

LANGUAGES

Spanish: Native

English: Intermediate (B1)