LUIS ALFONSO SILVAS MADRID

Full Stack Developer | Software Architecture and Scalable Systems

Hermosillo, Sonora, Mexico | +52 662 350 1632 | alfonsos@revtech.dev

Portfolio: alfonsosilvas.vercel.app | Available

PROFESSIONAL SUMMARY

Full Stack developer specialized in modern architecture, serverless environments and real time systems. Experience delivering production ready applications for government and private sector use cases. Strong focus on automation, role based access control and scalable system design aligned with operational efficiency and governance standards.

CORE COMPETENCIES

Frontend: React, Next.js, TypeScript | Backend: Node.js, Firebase Functions, Python | Architecture: Serverless, RBAC, REST APIs, Real time systems | Database: Firestore | Cloud: Firebase, Vercel | Payments: Stripe, Mercado Pago | AI integrations, Geolocation systems, Business rules engines

PROFESSIONAL EXPERIENCE

FRX Automated Quotation Platform | Dec 2025 – Present
Architected and delivered end to end financial quotation system using Next.js and Firebase with RBAC authentication. Designed dynamic business rules engine supporting variable commercial scenarios. Led secure serverless production deployment and stakeholder coordination.

Ministry of Education | Aug 2025 – Dec 2025
Re engineered administrative workflows and implemented Python automation pipeline reducing operational workload from 10 hours to 2 hours per week, achieving 80 percent efficiency improvement. Managed deployment, documentation and post implementation support.

GPS Radar Application CONAPESCA | 2024 – 2025
Developed real time geospatial monitoring system with regulatory geofencing logic and automated perimeter alerts. Designed event driven architecture prepared for institutional scaling.

PRODUCTION PROJECTS

Delivered and maintain 8 production web applications including online payments, AI modules and real time synchronization features. Full ownership from architecture design to deployment and continuous iteration.

EDUCATION

Fireship Bootcamp 2 years | 3 year private mentorship with senior developer focused on software architecture | Data Curation Expert Diploma Telmex Universidad Carlos Slim 2025

LANGUAGES

Spanish Native | English B1 Professional working proficiency. Able to understand native English speakers in technical contexts and read technical documentation without difficulty.

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Full Stack Developer | Arquitectura de Software y Sistemas Escalables

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Portafolio: alfonsosilvas.vercel.app | Disponible

RESUMEN PROFESIONAL

Desarrollador Full Stack especializado en arquitectura moderna, entornos serverless y sistemas en tiempo real. Experiencia entregando aplicaciones en produccion para sector publico y privado. Enfoque en automatizacion, control de acceso basado en roles y diseno de sistemas escalables alineados a eficiencia operativa y estandares corporativos.

COMPETENCIAS CLAVE

Frontend: React, Next.js, TypeScript | Backend: Node.js, Firebase Functions, Python | Arquitectura: Serverless, RBAC, REST APIs, Sistemas en tiempo real | Base de datos: Firestore | Cloud: Firebase, Vercel | Pagos: Stripe, Mercado Pago | Integraciones con IA, Geolocalizacion, Motores de reglas de negocio

EXPERIENCIA PROFESIONAL

FRX Cotizador Automatico | Dic 2025 – Actualidad
Arquitectura e implementacion de sistema financiero de cotizacion con Next.js y Firebase con autenticacion RBAC. Diseno de motor dinamico de reglas comerciales. Despliegue productivo en entorno serverless con coordinacion directa con stakeholders.

Secretaria de Educacion | Ago 2025 – Dic 2025
Reingenieria de procesos administrativos criticos e implementacion de pipeline en Python que redujo la carga operativa de 10 horas a 2 horas semanales, logrando mejora del 80 por ciento. Gestion de despliegue, documentacion y soporte posterior.

App Radar GPS CONAPESCA | 2024 – 2025
Desarrollo de sistema geoespacial en tiempo real con geocercas regulatorias y alertas automaticas por incumplimiento de perimetro. Arquitectura orientada a eventos preparada para escalamiento institucional.

PROYECTOS EN PRODUCCION

Desarrollo y mantenimiento de 8 aplicaciones web en produccion con integraciones de pagos en linea, modulos de IA y sincronizacion en tiempo real. Responsabilidad completa desde arquitectura hasta mejora continua.

EDUCACION

Fireship Bootcamp 2 años | Mentoria privada 3 años en arquitectura de software | Diploma Experto en Curador de Datos Telmex Universidad Carlos Slim 2025

IDIOMAS

Espanol Nativo | Ingles B1 con capacidad para comprender hablantes nativos en contextos tecnicos y leer documentacion especializada sin dificultad.