

Luis Antonio Arellano Bravo

Software Engineer

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Professional Summary

Microsoft-certified Software Engineer with hands-on experience designing and developing modern **web, mobile, and cloud-based applications**. Specialized in **React JS, Node.js, and Microsoft Azure**, including **serverless architectures** using Functions and App Services. Strong foundation in **mobile development** with Kotlin (Android Studio) and **React Native (Expo)** for cross-platform solutions.

Holds certifications in **Azure Fundamentals (AZ-900)**, **AI Fundamentals (AI-900)**, and **AI Engineer Associate (AI-102)**, validating skills in **cloud architecture, AI integration, and scalable application design**. Passionate about delivering **efficient, maintainable, and innovative software** that drives business impact.

Technical Skills

- **Frontend:** React JS, Vue JS, .NET Core
- **Backend:** Node.js, .NET, Flask, Django, Spring Boot
- **Frameworks:** Express.js, Next.js, ASP.NET Core, Django Rest, Spring Boot, Expo
- **Cloud:** Microsoft Azure (Functions, App Services, Storage, Cognitive Services)
- **Power Platform:** Power Apps, Power Pages, Power Automate (Flows)
- **CRM / ERP:** Microsoft Dynamics 365
- **Mobile:** Kotlin (Android Studio), React Native (Expo)
- **Databases:** SQL Server, MongoDB, MySQL, Cosmos DB, Firebase
- **Tools & Methodologies:** Git, Docker, REST APIs, CI/CD, Agile / Scrum

Professional Experience

Web & Cloud Developer

Soluciones en Tecnología PM S de RL de CV – León, Gto.

September 2022 – Present

- Designed, developed, and maintained **web applications** using React JS, Node.js, and .NET, ensuring high scalability and performance.
- Deployed and managed **Azure resources** (Functions, App Services, Storage Accounts, Cognitive Services), optimizing cloud cost and reliability.
- Developed and customized **Power Apps, Power Pages, and Power Automate flows** to automate business workflows and integrate data across systems.

- Enhanced and extended **Microsoft Dynamics 365** modules, implementing custom forms, business logic, and data integrations to meet client-specific requirements.
- Built **Power Apps, Power Pages** using Kotlin and React Native (Expo), improving app delivery speed and UX consistency.
- Integrated APIs and optimized backend processes to streamline data synchronization and reduce latency by up to 30%.
- Managed the complete **SDLC** — from requirements gathering and design to deployment and maintenance.
- Collaborated with **Agile/Scrum teams**, ensuring timely, high-quality deliverables across multiple concurrent projects.

Developer

Grupo Inovasis Soluciones Integrales – Santa Ana Pacueco, Gto.

November 2021 – September 2022

- Managed and maintained **CONTPAQi** systems, ensuring continuous data integrity and operational stability.
- Customized and optimized internal reports to improve financial and operational visibility.
- Developed **C# desktop applications**, automating administrative workflows and reducing manual data entry.

Web/Mobile Applications Developer

KMF Tecnología Irapuato – Irapuato, Gto.

September 2020 – May 2021

- Designed and documented system requirements, architecture, and database models for enterprise applications.
- Developed backend APIs and mobile applications ensuring modularity and scalability.
- Conducted functional and user acceptance testing, delivering high-quality, stable solutions.

Education

Bachelor's degree in Software Engineering

Universidad Politécnica de Pénjamo

Graduated: 2021

Certifications

- **Microsoft Certified: Azure Fundamentals (AZ-900)** – Cloud concepts and architecture
- **Microsoft Certified: Azure AI Fundamentals (AI-900)** – AI and ML services within Azure
- **Microsoft Certified: Azure AI Engineer Associate (AI-102)** – AI solution design and deployment
- **Software Engineer Certification – University of Greenwich**

Highlighted Projects

Purchasing Management System

Comprehensive full-stack system for managing purchase requests, quotations, and purchase orders.

- Developed **frontend with React JS + TypeScript** and **backend with .NET 8**.
- Managed **SQL Server** database design and integration.
- Automated quotation workflows through API orchestration and Power Automate flows, improving operational efficiency by 40%.
- Continuously enhanced and maintained integrations for ongoing business requirements.

Programming Languages

C#, Java, C++, C, Python, Javascript, Typescript

Soft Skills

- Team collaboration.
- Effective communication.
- Time management.
- Adaptability to change.
- Critical thinking.