

Daniel Gerardo Galván Santacruz

+52 8122006817 | dggalvans@gmail.com | [linkedin.com/in/danielgalvans](https://www.linkedin.com/in/danielgalvans)

EDUCATION

Tecnológico de Monterrey (GPA 3.7/4.0)

B.S. in Computer Science

Aug 2022 – Dec 2026

Monterrey, Nuevo León

TECHNICAL SKILLS

Languages: Python, C++, C#, SQL, JavaScript, HTML/CSS

Frameworks: .NET, React, Node, Express, Next.js, Tailwind, MudBlazor

Tools: Git, AWS, Azure DevOps, Docker, Figma

Databases: SQL Server, MySQL, PostgreSQL

Practices: Agile/Scrum, CI/CD, UAT

EXPERIENCE

Software Engineer Intern

The Home Depot

Jan 2025 – Present

Monterrey, N.L.

- Contributed to the **Store Management System (SMS)**, a mission-critical platform used by thousands of associates nationwide, enhancing integration between POS systems and internal web modules using **C#/.NET, React, and SQL Server**.
- Led the development of a **comprehensive installation log system** that automated over 300 monthly workflows, improving accuracy and reducing manual entry time by 100%.
- Developed and deployed multiple **frontend and backend features**, collaborating closely with product owners to define requirements, write efficient APIs, and implement responsive UIs using .Net and React.
- Optimized database operations, designed UX flows in Figma, and conducted **UAT sessions** before nationwide deployment.
- Delivered sprint-based system upgrades under **Agile/Scrum**, managing CI/CD processes in Azure DevOps and Git.

On Campus Intern – Media Analytics

Tecnológico de Monterrey

Aug 2024 – Feb 2025

Monterrey, N.L.

- Monitored the university's social media performance with **Brandwatch** and **Sprinklr**, developing strategies that increased engagement and follower growth.
- Produced monthly analytical reports on digital trends, brand sentiment, and competitive positioning, shared with communications leadership.

PROJECTS

Kia Life – Onboarding App (1st Place Award) | *React.js, Node.js, SQL Server, AWS, Unity* Aug 2024 – Oct 2024

- Developed a **three-month onboarding platform** for Kia Motors featuring phased tasks, dual verification between employees and administrators, and automated notifications.
- Integrated a **Unity-based gamified environment** rewarding employees with virtual office items and a leaderboard to boost motivation.
- Recognized with the **KMX Young Innovator Award** for innovation and user-centered design.

Horno 3 – Interactive Museum App | *SwiftUI, Core ML, GPT-4, Supabase, Next.js*

Apr 2025 – Jun 2025

- Built an AI-powered museum guide using **Core ML + GPT-4** for real-time content generation and section recognition.
- Implemented a secure **Supabase backend** with JWT authentication, RESTful APIs, and real-time sync between web and mobile platforms.
- Created an interactive iOS experience with offline mode, personalized tours, and analytics dashboards for staff operations.

SecuBank – IoT Security System | *Arduino, MySQL, REST API*

Apr 2024 – Jun 2024

- Designed an IoT system integrating RFID and motion sensors to secure bank vaults with multi-tier access validation.
- Developed backend APIs and data infrastructure for real-time alerts and user authentication.