

EMILIANO GONZALEZ ROMO

+52 81 2724-2778 | emhugr@gmail.com | www.linkedin.com/in/emiliano-gonzalez-tech | <https://github.com/MasterZendika/Emiliano-Gonzalez/tree/main?tab=readme-ov-file>

Professional Summary

Computer science and technology graduate with a passion for **mobile engineering** and **secure application design**. Hands-on experience in **requirements analysis**, **scalable solution design**, and **cross-functional project leadership** allows to align business objectives with technical teams to deliver end-to-end software solutions. Experienced in **React Native** and **Java-based BFF services**, and adept at integrating **REST** and **gRPC APIs**. Leverage strong **analytical skills** to streamline implementations throughout the application lifecycle and drive continuous improvement within **agile frameworks (Jira, Azure DevOps)**.

Education

Tecnológico de Monterrey | Monterrey, NL | B.S. in Computer Science and Technology | 09/2021 - 06/2025

- Notable participation in campus art and culture as well as entrepreneurship events.

Experience

Crypto Portfolio Manager iOS | Remote **Lead Developer** | 12/2024 - Present

- **Designs user-centric features** that provide valuable financial insights and enhance user convenience, **adapting** to evolving user feedback and market trends, resulting in **positive early user satisfaction** ratings.
- **Manages automated reporting functionalities** to keep users informed on portfolio performance and trends, **streamlining information delivery** and **reducing manual data compilation time by 30%**.

WIZELINE | Guadalajara, Jalisco **Full-stack Developer Intern.** | 08/2024 - 01/2025

- **Contributed** to full-stack **software development** using **JavaScript/React** for the frontend and **Python (Flask/Django)** with **Odoo** for the backend system, collaborating within a **team of 5 engineers**.
- **Troubleshoot and debugged** complex application issues, **adapting** solutions to unforeseen technical challenges to ensure high-quality deliverables and system **reliability**, leading to a **99.5% uptime** for critical modules.

Projects

Breast Cancer Diagnostic Aid Through Super Resolution | Monterrey, NL **Research Project** | 03/2025 - 06/2025

- Conducted research for a Tecnológico de Monterrey professor, focusing on **improving medical image quality** for breast cancer diagnosis using **Super Resolution techniques** and **Convolutional Neural Networks (CNNs)**.
- Evaluated model performance with **Regression/Classification Metrics**, demonstrating potential for **improved efficiency** and **reliability** in medical **AI**, reducing diagnostic review time by an estimated **10%**.

Say it in Sign Language: Swift-Powered AI-Driven Sign Language Learning Solution | Monterrey, N.L | 06/2021 - 02/2025

Managed the end-to-end development of a Swift-based mobile application aimed at increasing sign language awareness and promoting inclusive communication. Utilized **Swift UI/UIKit for intuitive** user interface design and implemented robust application logic to ensure a seamless learning experience. **Engineered the integration of a machine learning-powered image recognition model**, enabling users to learn how objects are

Certifications

AWS Academy Graduate | Amazon Web Services (AWS) | 03/2025 • **Intro to Generative AI** | MIT | 08/2025 • **Generative AI** | PMI | 08/2025 • **iOS and Android Mobile App Developer** | IBM | 05/2025 • **Flutter Dart Knowledge** | 06/2025

Soft Skills

Proactive and collaborative with **engineers** and the **technology team**, with **strong quick-learning ability** and capacity to **simplify complex concepts** and **design solutions**. **Problem-solving** and **detail-oriented**, with a sense of ownership that drives results and fosters a **trusting** and **positive team environment**. Consistently demonstrates adaptability and a **continuous learning** mindset, with **strong communication skills**.

Technical Skills

Mobile Development & Software Engineering:

- Proficient in **React Native** and native mobile development (**Swift, Kotlin/Java**)
- Solid experience with **Java Backend-for-Frontend (BFF)** services and REST/gRPC APIs
- Strong understanding of software engineering best practices, version control (Git), and agile methodologies (**Scrum/Kanban, Jira**)

DevOps & Cloud:

- Experienced in **CI/CD pipelines automation**, **containerization (Docker/Kubernetes)**, and cloud services (**AWS: S3, EC2, Lambda**)

Programming Languages: Python, Swift, C++, JavaScript, Java, HTML, CSS, Kotlin.

Tools & Platforms: Supabase, React, Unity, Power BI, Azure DevOps, Linux, Jira, Trello, Postman, Node.js, Flask/Django, Blockchain, Odoo.