

Marco Antonio Lucio Sosa

+52 81 2201 3203 | marcoalucio15@gmail.com | linkedin.com/in/marco-lucio | github.com/marcoolucio17 | Monterrey, Nuevo León, México

EDUCATION

Instituto Tecnológico de Estudios Superiores de Monterrey Expected June 2026
Bachelor of Science in Computer Science. Academic Merit Scholarship. GPA: 4.0. Nuevo León, México

Relevant Coursework: Object-Oriented Programming, Data Structures, Algorithms, Statistics Analysis, Software Requirements, Web Development, Backend Development, Database Management, Cloud (GCP), Version Control, Networking, Mobile Applications.

Relevant Activities: Final round participant at Banorte's hackathon, 3 HackMTY hackathon participations, and Computer and Technologies teacher for low-income students.

EXPERIENCE

Oracle July 2024 - Present
Software Engineer Intern at Oracle Backend as a Service team Oracle MDC, Zapopan, Jalisco, México (hybrid)

- Constructed several pages using OJET's MVVM (Model ViewModel View) architecture, collaborating closely with senior engineers with more than 20 years of industry experience.
- Engineered a high-performance iOS SDK for a BaaS platform under senior mentorship, enabling secure storage, seamless integration with OCI services and user authentication.
- Leveraged JavaScript, TypeScript, Knockout.js, Virtual Machines, SSH, Xcode, Swift and Linux to streamline development.

BITAM October 2023 – July 2024
Software Engineer Intern at Evabel team Tampico, México (remote)

- Contributed the Evabel service, enabling users to design, create, and compile web applications in a low-code environment in a 4 person team.
- Designed reusable components for enterprise-level applications through modern, sleek, industry-standard designs used by more than 5 business partners.
- Developed the application using Next.js, MaterialUI, GrapeJS, TypeScript, and various React libraries to drastically improve the previous version.

MedicFlow December 2023 – April 2024
Co-Founder and Software Engineer Monterrey, Nuevo León

- Spearheaded the launch of AI-powered mobile and web applications to automate patient file management in medical clinics, cutting manual entry by around 90%.
- Formulated features like a standardized, customizable appointment summary page, reducing doctors' file workload by approximately 90%.
- Utilized React Native and Next.js for mobile and web clients, integrating with a Node.js API hosted on AWS, resulting in a 50% reduction in server costs.

PROJECTS & LEADERSHIP

Ixpolin - ProjectK June 2024

- Co-founded Ixpolin, a platform enabling teachers to create and edit AI-powered online quizzes for students, resulting in enhanced educational engagement and efficiency.
- Worked in a 6-person team using Azure DevOps to ensure system requirements were met with 100% completion; built with Next.js, TypeScript, Node.js, AWS, and Vercel.

SKILLS

Languages: Python, JavaScript/TypeScript, C++, C#, SQL, HTML, CSS, Matlab, Swift, R, PL/SQL.

Frameworks: React, Next.js, Node.js, Material-UI, Express, GrapeJS, React Native, OJET, Flask.

Developer Tools: Git, Github, Linux, Docker, VS Code, GCP, Firebase, Oracle APEX, Confluence, Jira.

Technologies: Databases (MySQL, PostgreSQL), RESTful APIs, IoT, Virtual Machines, HTTP, HTML/Dom, AJAX, Web Services.