

Raúl Reyes Urbina

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Summary

- Software Engineer with experience in diverse programming languages and frameworks.
- Proven expertise in SaaS projects, e-learning platforms, and industrial AR training systems.
- Mobile development experience, orchestrated the end-to-end mobile app release lifecycle, including planning, building, and managing new releases, updates, beta distributions, and production deployments across major mobile platforms.
- Hands-on experience designing and delivering backend integration layers between legacy systems and modern cloud-native services, focusing on data synchronization, reliability, and production-ready deployments.
- Experience working in the airline industry, contributing to large-scale production systems, partner migrations, localization workflows, and controlled production deployments across multiple airline partners.

Education

Universidad Politecnica de San Luis Potosi
BS in Information Technology Engineering

SLP, MX
2025

Experience

Plusgrade (Via Encora)
Software Engineer

Montreal, Canada (Remote)
Jun 25 - Dec 25

- Worked as part of a Migrations team within the airline industry, supporting multiple airline partners across different regions.
- Led and executed migrations of partner configurations, localization data, and legacy behaviors into new platforms, ensuring continuity for customer-facing products.
- Developed and executed data migration scripts for multilingual content, partner-specific configurations, and template updates across environments.
- Collaborated with cross-functional teams to validate migrations, troubleshoot production issues, and ensure backward compatibility.

Grupo Herrera - Freelance
Software Engineer

San Luis Potosi, Mexico (Remote)
Jan 25 – Jun 25

- Designed and implemented a backend integration layer between a legacy Dealer Management System and modern RESTful services.
- Developed and maintained Spring Boot APIs to orchestrate vehicle availability, reservations, appointments, and accessory workflows.
- Built robust data transformation and synchronization pipelines to map legacy system outputs into structured JSON-based APIs.
- Implemented deployment and operational tooling on Windows servers, including service management, logging, and environment configuration.
- Collaborated closely with stakeholders to translate business rules from legacy systems into scalable backend services.
- Ensured reliability through structured error handling, logging, and database migration management.

Encora
Spark Program

San Luis Potosi, Mexico (Remote)
Sep 24 – Jun 25

- Developed full-stack applications using React and Spring Boot, implementing OAuth-based authentication and containerized environments.

- Worked on production-oriented projects following software engineering best practices, clean architecture principles, and agile workflows.
- Earned the Azure Developer Associate (AZ-204) certification and a Generative AI Software Development certification, strengthening cloud and AI-assisted development skills.
- Collaborated within cross-functional teams, gaining experience in code reviews, technical discussions, and iterative delivery.

GIRI by AR-Experts GmbH (Via Fyware)

Stuttgart, Germany (Remote)

Software Engineer

Dec 23 – Dec 24

- Developed and maintained mobile application features for iOS and Android, collaborating closely with product and design teams.
- Owned the end-to-end mobile release lifecycle, including build generation, App Store and Google Play submission, TestFlight distributions, approvals, updates, and production deployments.
- Implemented backend features supporting the mobile app, including user role management, data storage, validation, and business logic.
- Refactored and extended the web-based admin panel, reducing technical debt and improving maintainability and usability.
- Built early prototypes for a desktop version of the application to explore cross-platform expansion.
- Acted as a technical bridge between customer support and engineering, translating user-reported issues into actionable tickets and solutions.

Fyware

San Luis Potosi, Mexico (Hybrid)

Fullstack Web Developer

Aug 23 – Dec 23

- Led full-stack development for multiple projects, including a tutoring platform, an administrator dashboard, and the backend services for AR training systems.
- Designed and implemented web applications.
- Integrated real-time communication systems for instant notifications and user interactions.
- Developed payment systems with Stripe and Mercado Pago APIs for online transactions.
- Deployed web apps to serverless solutions.

Fyware

San Luis Potosi, Mexico (Hybrid)

Backend Developer Intern

Jun 23 – Aug 23

- Contributed to the development of a hydrocarbon distribution software project by developing stored procedures to retrieve key data.
- Designed and implemented file store endpoints.

Skills & Interests

Technical

Programming Languages

HTML, CSS, JavaScript, TypeScript, Java, C, C#, PHP

Frameworks & Libraries

- **Frontend:** React, Angular, Vue.js, Tailwind CSS
- **Backend:** Spring Boot, Node.js, Express.js, LoopBack.js, .NET
- **Mobile & AR:** Unity, React Native, SwiftUI

Cloud & DevOps

Azure, AWS, Docker, Containerized deployments, CI/CD fundamentals

Databases

MySQL, PostgreSQL, MongoDB

Tools & Platforms

Git, Postman, Jira, Confluence, App Store Connect, Google Play Console

Engineering Practices

Full-stack development, REST APIs, OAuth authentication, Microservices, Agile/Scrum, Technical debt reduction, Production deployments

Certifications

- Microsoft Certified: Azure Developer Associate (AZ-204)
 - Unity Certified Associate – Unity Technologies
 - Generative AI Software Development – Coursera
 - IT Specialist – HTML5 & CSS3 (Certiport)
 - IT Specialist – JavaScript (Certiport)
 - Entrepreneurship – Cisco
 - Introduction to Cybersecurity – Cisco
 - Introduction to Data Science – Cisco
 - Introduction to IoT – Cisco
 - IT Essentials – Cisco
 - IT Essentials: PC Hardware and Software – Cisco
 - Network Support and Security – Cisco
 - Network Technician – Cisco
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Language

- **Spanish:** Native
- **English:** Professional working proficiency