

RAUL XILOJ

SOFTWARE ENGINEER

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PROFILE SUMMARY

Software Engineer with **6+ years** delivering backend and integration services for large-scale e-commerce. Hands-on with **Node.js/TypeScript, REST/GraphQL, cloud-native delivery, CI/CD, and observability**, with a strong focus on reliability, scalable system design, and cross-functional execution. Experienced mentoring engineers, improving engineering standards, and supporting production operations.

WORK EXPERIENCE

Technical Lead

03/2026 – Present

Walmart México y Centroamérica

- Contribute to system design and stay hands-on delivering backend services that support large-scale e-commerce operations (Node.js/TypeScript), balancing long-term scalability with near-term delivery.
- Own enterprise integrations and middleware connecting multi-brand applications with **VTEX**; design and evolve **REST/GraphQL** APIs with versioning and performance in mind.
- Strengthen operational maturity through production readiness practices, release discipline, and better observability/monitoring—supporting incident investigation and troubleshooting across services.
- Partner with **Product/business** to shape technical solutions, break down complex initiatives, and align execution to business outcomes.
- Promote scalable design principles (resilience, fault isolation, backward compatibility) and improve engineering quality through reviews, mentorship, and shared standards.

Software Developer

08/2024 – 03/2026

Walmart México y Centroamérica

- Delivered backend services for e-commerce workflows using **Node.js/TypeScript**, integrating with VTEX and third-party systems.
- Built middleware that orchestrates multi-brand integrations and improves reliability of upstream/downstream communication.
- Implemented and optimized **REST/GraphQL** endpoints focused on performance, maintainability, and safe evolution.
- Collaborated with mobile consumers and cross-functional partners to ship end-to-end changes (including minor Flutter support when needed).

Backend Developer

07/2022 – 08/2024

Yalutec, Migo Payments

- Built and maintained payment services with serverless architecture (AWS + Node.js/Typescript).
- Designed a service monitor in Go with AWS SES + Slack integration, cutting incident response times.
- Integrated third-party APIs and implemented PCI-compliant solutions.
- Improved code quality with unit testing, reaching high coverage levels.
- Worked with **SQS**-based async processing to decouple services and improve resilience.”

Backend Developer

09/2021 – 06/2022

Tribal WorldWide Guatemala

- Developed backend services in **Go** for a banking mobile application, focusing on API reliability, maintainability, and secure integration patterns.
- Contributed to microservice-based architecture and production support, troubleshooting issues across services and dependencies.
- Deployed and operated workloads on **OpenShift/Kubernetes** with Docker, supporting repeatable releases and stable environments.

- Designed and optimized **SQL Server** schemas/queries to improve performance and support evolving product requirements.

JR Developer

Muebles Fiesta Guatemala

03/2021 – 07/2021

- Built billing application features using **React/Angular, ASP.NET Core, and SQL Server**, collaborating with stakeholders to deliver production functionality.

Freelance

DACEMA - Guatemala

10/2020 – 12/2020

- Delivered an inventory management system using **Angular + Node.js + MySQL**, improving operational efficiency through streamlined workflows and reporting.

EDUCATION

M.Eng in Industry Engineering, with Data Science focus

Universidad de San Carlos de Guatemala

2024 – 2025

Bachelor in Computer Science and Systems Engineering

Universidad de San Carlos de Guatemala

2016 – 2021

- Teacher Assistant of the course Computer Programming 2 in the year 2021 as part of final practices.

TECHNOLOGIES AND LANGUAGES

Programming Languages

Golang, Typescript, Python, and others

Frontend frameworks

Angular / React

Databases

MySQL, SQL Server, PostgreSQL, MongoDB, Redis

Messaging / Eventing:

RabbitMQ, AWS SQS

DevOps tools

Docker & Kubernetes, Terraform, Prometheus

Cloud

High knowledge in AWS, general knowledge in GCP and Azure