



# Oswaldo Rosales

## Software Engineer

Software Engineer building scalable, reliable systems and modernizing legacy platforms through microservices and event-driven architecture

## CONTACT

### EMAIL

[contact@oswaldorosalesdev.com](mailto:contact@oswaldorosalesdev.com)

### LOCATION

Guadalajara, Jalisco, Mexico

### GITHUB

[github.com/oswaldorosales](https://github.com/oswaldorosales)

### LINKEDIN

[linkedin.com/in/oswaldo-rosales/](https://linkedin.com/in/oswaldo-rosales/)

## SKILLS

### Languages

Java • Kotlin • Python • SQL • JavaScript

### Backend

Spring Boot • Microservices • REST APIs • gRPC • GraphQL

### Frontend

React • Redux • Next.js • Bootstrap

### Database

MySQL • MongoDB • Redis • Oracle DB

### Infrastructure

CI/CD • Docker • Kubernetes • AWS • OpenShift

### Tools

Git • Jenkins • Maven • Gradle • GitLab  
CI/CD • RabbitMQ • Kafka

## PROFESSIONAL SUMMARY

Software Engineer with 9+ years of experience building systems that solve real-world problems. I've worked on platforms across different industries, focusing on scalability, reliability, and clean architecture. Over time, I've grown from writing code to taking ownership of systems, helping teams improve how they build, and mentoring others along the way. I enjoy working on backend systems, designing solutions, and continuously learning new ways to build better software. Always learning, improving, and looking to build meaningful products.

## PROFESSIONAL EXPERIENCE

### Software Engineer (Independent Contractor)

#### Avenue Code | Apr 2022 - Present

Guadalajara, Mexico (Remote)

Software engineer contributing to large-scale SEO and AEO platforms, building and evolving systems responsible for dynamic sitemap generation, indexing workflows, and metadata management across high-traffic web properties.

**Impact:** Improved scalability, reliability, and responsiveness of SEO-critical systems by enabling real-time indexing, modernizing legacy services, and strengthening engineering standards across a distributed platform.

**Technologies:** Java 17+ • Spring Boot • REST APIs • React • Containers • CI/CD • Jenkins • Private Cloud

### Technical Lead

#### EPAM Systems | Nov 2021 - Sep 2022

Guadalajara, Mexico (Remote)

Led the modernization of a car rental listing platform within a large-scale travel ecosystem, improving system quality and enabling faster feature delivery through migration from legacy systems to a microservices-based architecture.

**Impact:** Improved system quality and team delivery speed by successfully migrating legacy functionality to a modern microservices architecture, while strengthening cross-team collaboration and domain understanding.

**Technologies:** Spring Boot • Microservices • Kotlin • gRPC • GraphQL • React • AWS • JUnit • Karate

### Technical Lead

#### UST | Mar 2021 - Nov 2021

Guadalajara, Mexico (Remote)

Led the development of a healthcare system focused on detecting Fraud, Waste & Abuse (FWA) in US insurance operations, used by hospitals and pharmacies to identify suspicious claims and reduce financial risk.

**Impact:** Enabled scalable and reliable fraud detection workflows through event-driven design, while significantly improving team quality standards and accelerating testing capabilities through automation.

**Technologies:** Java • Spring Boot • Microservices • RabbitMQ • Selenium • JUnit • REST APIs • Bitbucket

## Full Stack Engineer & Team Co-Lead

IBM (Client Innovation Center) | Jun 2019 - Mar 2021

Guadalajara, Mexico

Contributed to the modernization of core banking features, including a savings automation system and loan application flows, improving system reliability and scalability under growing customer demand.

**Impact:** Restored stability of a critical savings flow used by US customers, enabling continued feature adoption while improving team delivery through leadership, mentoring, and structured Agile practices.

**Technologies:** Spring Boot • Microservices • Kafka • React • Redux • OpenShift • GitLab • GitLab CI/CD • Splunk • Grafana • JUnit • Cucumber

## Software Developer

SICAR Solutions | Jan 2017 - Jun 2019

Autlan de Navarro, Mexico

Contributed to a nationwide POS platform used by small and medium-sized businesses (retail stores, pharmacies, gyms, and hardware shops), helping them manage inventory, sales, and daily operations through a desktop-based solution.

**Impact:** Expanded the platform's capabilities into new business domains while improving engineering processes, delivery visibility, and team collaboration through the introduction of Agile practices and internal tooling.

**Technologies:** Java 8 • JAX-RS • Git • Docker • MySQL

## EDUCATION

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### Bachelor's Degree in Software Engineering

Universidad de Guadalajara

2015 - 2019 | Autlan de Navarro, Mexico