

Carlos Eduardo Castelan Vazquez

Full Stack Engineer – Cloud & AI Integration (Enterprise Apps)

Full Stack Engineer with 5+ years of experience developing cloud applications in Oracle Fusion Procurement. Skilled in Visual Builder, REST/SOAP APIs and Spring Boot, and experienced in integrating Oracle Digital Assistant and AI Fusion Studio to enhance automation. Modernized Supplier Registration and other apps by migrating from Alta UI to Redwood, improving speed and user experience.

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📍 Puebla, Mexico

🌐 linkedin.com/in/carlos-castelan

TECHNICAL SKILLS

Frontend	Oracle Visual Builder, Oracle JET, Redwood Design System, HTML5, CSS3, JavaScript, React, TypeScript	Backend	Spring Boot, Jersey, Python, Node.js, REST/SOAP APIs, PL/SQL
Cloud & DevOps	Oracle Cloud Infrastructure, AWS, Jenkins Pipelines, CI/CD	AI & Chatbots	Oracle Digital Assistant, Oracle AI Fusion Studio (GenAI Integration)
Tools	Git, IntelliJ, VS Code, Postman, Jenkins, SQL Developer	Data & Automation:	Python (NumPy, Pandas, OpenCV), OTBI Reports, Oracle BI Publisher

WORK EXPERIENCE

Senior Programmer Analyst Oracle

09/2022 - Present

Remote, Mexico

Achievements/Tasks

- Developed and maintained custom procurement web applications using Oracle Visual Builder and Oracle JET.
- Modernized internal solutions – including the *Supplier Registration* app – by migrating from Alta UI to the Redwood Design System to improve usability and consistency.
- Built and exposed REST APIs using Spring Boot and Jersey to integrate external services with Oracle Fusion Procurement.
- Integrated Oracle Digital Assistant and AI Fusion Studio to enhance automation and user interactions within procurement workflows.
- Automated build and deployment processes through Jenkins pipelines for Visual Builder and backend applications.
- Designed and delivered OTBI reports and PL/SQL procedures to support business intelligence and reporting needs.

Programmer Analyst Oracle

03/2020 - 09/2022

Remote, Mexico

Achievements/Tasks

- Developed dashboards, audit portals, and custom web applications for the Fusion Procurement module using Oracle Visual Builder, HTML, CSS, and JavaScript.
- Created and maintained REST and SOAP APIs with Spring Boot and Jersey for procurement extensions and system integrations.
- Implemented Python scripts to automate data processing and streamline API-based workflows.
- Provided ongoing technical support and troubleshooting for Oracle Fusion Procurement, ensuring reliability and performance of production systems.

EDUCATION

Bachelor of Engineering in Computer Systems Universidad de las Américas Puebla

08/2015 - 12/2019

Puebla, Mexico

Information

- GPA: 9.3/10

CERTIFICATES

Oracle Cloud Infrastructure 2023 Certified Foundations Associate (07/2024 - 07/2026)

Oracle Cloud Infrastructure 2023 AI Certified Foundations Associate (05/2024 - 05/2026)

Python for Data Science (10/2022)

Data Analysis Using Python (10/2022)