RAUL ADRIAN OLIVA CASTILLO

Software Engineer

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EXPERIENCE

Senior Application Developer
Oracle

📅 05/2025 - 08/2025   📍 Guadalajara, México

- Improved Oracle Expense Fusion application stability by resolving legacy code bugs, enhancing user experience and reliability.
- Documented bug resolutions in Confluence, ensuring seamless knowledge transfer and efficient future maintenance.

Web Technical Lead
NXP Semiconductors

📅 07/2024 - 04/2025   📍 Guadalajara, México

- Led data mining initiatives by querying and analyzing data from a Teradata data warehouse and a PostgreSQL database
- Developed and utilized a custom Spring Boot API for web scraping to gather additional data sources, enhancing the overall data collection and analysis process
- Developed data pipelines using Python scripts to extract data from APIs, transform and format the data, and load it into a PostgreSQL database
- Enabled dynamic visualization and reporting through Power BI dashboards
- Led automation initiatives, continuously improving the automation tool by developing new features and capabilities to optimize web publishing processes
- Managed and deployed APIs and web applications on a Linux server using Docker

Web Publisher and Operations
NXP Semiconductors

📅 11/2020 - 06/2024   📍 Guadalajara, México

- Partnered with business lines to gather and translate web requirements into actionable updates for NXP.com, ensuring alignment with organizational goals
- Conducted data mining and analysis to generate insightful reports and deliver actionable data to web teams and business lines, supporting strategic decision-making
- Developed a custom tool using Java and Selenium to automate repetitive tasks and streamline web asset cleanup processes
- Designed and implemented a Spring Boot API to scrape and extract critical data from NXP.com web pages for analysis and reporting
- Built a PHP application to generate detailed Excel reports on web assets
- Deployed web services, scripts and applications on a Linux server using Docker

IT Technical Support Specialist
TATA Consultancy Services

📅 06/2019 - 11/2020   📍 Guadalajara, México

- Collaborated with Latin American stakeholders to resolve ServiceNow incidents, identifying root cause and implementing fixes in Java and PHP web applications
- Participated in Scrum meetings (refinement, planning and daily) to ensure transparent progress updates
- Designed and executed database operations (MySQL, SQL Server)
- Efficiently resolved IT tickets in ServiceNow, meeting SLA commitments and ensuring prompt issue resolution

EDUCATION

Computer Engineering
Universidad de Guadalajara

📅 2015 - 2019

SUMMARY

Results-driven Software Engineer specializing in developing scalable web applications, ETL pipelines, and APIs that optimize business workflows. Proficient in Java, Python, Spring Boot, JavaScript and data mining techniques with extensive experience deploying solutions using Docker and Linux environments. Demonstrated success in automating processes and enhancing application stability, delivering measurable improvements in efficiency. Committed to continuous professional growth and adopting innovative technologies to maintain competitive advantages.

LANGUAGES

English   Proficient

Spanish   Native

SKILLS

Software Development   Debugging

Web Scrapping   PostgreSQL   Data Mining

Reporting   Docker   Python   ETL Pipelines

Java   Automation   Selenium   Git

Problem Solving   Spring Boot   JavaScript

jQuery   Linux   Teradata   React

Microsoft Power BI   Microsoft SQL Server

PHP   SQL   REST API   Tomcat

Windows Server   Node.js