RAUL ADRIAN OLIVA CASTILLO

Software Engineer

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🔗 https://my-portafolio-rho.vercel.app/   📍 Guadalajara, Mexico

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 with Java 21 and Oracle ADF
- 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 projects by querying and analyzing data from Teradata and a PostgreSQL database to provide insightful information to stakeholders for their decision-making processes
- Developed a Spring Boot API with Java 17 to crawl and scrape additional data from NXP.com, as part of my data mining projects, to enhance the overall data collection and analysis process
- Developed data pipelines using Python 3 to extract data from APIs, transform and format the data, and load it into a PostgreSQL database
- Enabled dynamic visualization and reporting through Microsoft Power BI dashboards
- Led automation projects, developed new features for our automation tool with Java 21 and Selenium to optimize the publishing process of our web assets into the Content Management System and enhance team's productivity
- Managed and deployed APIs and web applications on a Linux server, using Docker
- Mentored junior team members, fostering their professional growth

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 activities, extracting and analysing data to generate insightful reports and deliver actionable data to web teams and business lines, supporting strategic decision-making
- Developed a tool using Java 21 and Selenium to automate repetitive tasks in the publishing processes, web asset cleanups and fixing static content
- Designed and developed a Chrome extension using React 18 and Node to offer various tools and out-of-the-box solutions for daily publishing operations in one place
- Built a web application using PHP 8 and JavaScript to generate detailed Excel reports on our web assets, extracting their data from Teradata, and sending the reports through email to the recipients
- Deployed web services, scripts and applications on a Debian 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 8 and PHP 7 web applications
- Tested the code in QA and UAT environments alongside the stakeholders before deploying the code into production
- Participated in Scrum meetings (refinement, planning and daily) to ensure transparent progress updates
- Designed and executed database operations (Oracle, 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   Web Scrapping

PostgreSQL   Data Mining   Reporting

Docker   Python   ETL Pipelines   Java

Automation   Selenium   Git   Github

Bitbucket   Problem Solving   Microservices

Kafka   Spring Boot   JavaScript   jQuery

Linux   CSS   SASS   HTML   Teradata

React   Redux   Microsoft Power BI

Microsoft SQL Server   PHP   SQL   REST API

Tomcat   Windows Server   Node.js

AWS Elastic Beanstalk   Soft Skills

Kubernetes