

EXPERIENCE

Senior Software Engineer, Oracle, Mexico — 2023–Present

- Developed and released a new user interface (UI) for an existing Supply Chain Management product with a large customer base and high visibility in the industry.
- Collaborated with cross-functional teams including product managers, designers, and QA engineers to define requirements, design UI mockups, and implement features.
- Played a key role in the successful launch of the updated product.

Senior Machine Learning Engineer, Oracle, Mexico — 2020–2023

- Developed machine learning models for optimizing 5G networks, automating network operation tasks and decisions.
- Designed and implemented a framework for model deployment in production using Kafka, ensuring scalability and reliability.

Big Data Developer, Oracle, Mexico — 2016–2019

- Developed infrastructure components for Oracle's Big Data platform using Hadoop, ensuring scalability and performance.
- Designed and implemented databases to support data storage and retrieval for analytics projects.

EDUCATION

Universidade Nova de Lisboa — Master of Science in Data Science, 2021

Tecnologico Monterrey — Bachelor of Science in Computer Science, 2016

OTHER PROJECTS

Portfolio Optimization Using Evolutionary Algorithms (2020, Master's Thesis)

Conducted research on optimizing investment portfolios in the stock market using evolutionary algorithms. Implemented computational models to improve portfolio performance through data-driven strategies.

Victoria Fest (2021)

Created a system for a live event focused on entrepreneurship for women, managing all aspects including registration, mailing campaigns, live event streaming, and post-event analytics. Successfully handled thousands of concurrent viewers during the live event.

ProcessMaker Integrations (2019)

Implemented integrations between process maker and billing systems, Google data analytics, MercadoLibre, and CRM systems, improving efficiency and data management for clients.

SKILLS

- Strong problem-solving skills with a proven ability to navigate complex technical challenges.
- Demonstrated leadership and ownership in projects, with a proactive approach to accountability and results delivery.
- Programming Languages: Python, SQL, Javascript, Java
- Data Science Techniques: Machine Learning, Data Visualization, Statistical Analysis