Richar Orlando Melo

Career Summary

Software engineer with more than five years of experience in the software development cycle, as well as domain of the Java back-end programming language. Experience working with SCRUM methodology. I have been part of five projects teams for the car brand, insurance, banking, marketing and healthcare sectors. In the last year I worked on refactoring from a legacy monolithic architecture to a new one using cloud AWS technologies like serverless and frameworks like spring boot.

Summary of Qualifications

Skills:

● Java	● Junit/Mockito	● PL/SQL	● AWS
● Spring boot	● Angular/Ionic	● Docker	● Terraform
● Javascript	● Oracle	● Gradle	● Linux
● Typescript	● PostgreSQL	● Maven	● Git

Languages
- ● Spanish (native speaker)
- ● English (intermediate)

Career History

Mercadolibre, Bogotá, Colombia   Nov. 2022 – At date
Back-end Developer
- ● Maintained and improved the "Dependency Catalog" initiative, managing a comprehensive inventory of over 500 dependencies used across Mercadolibre's projects.
- ● Implemented the Circuit Breaker pattern, ensuring 99.9% uptime for the Dependency Catalog by mitigating failures during integration with various external APIs.
- ● Developed and deployed an API for managing vulnerabilities, enabling the creation and tracking of issues related to known vulnerabilities in cataloged libraries.
- ● Reduced platform downtime by 25% through the implementation of a dual-approval system for dependency updates, enhancing application security and stability.
- ● Utilized Fury, Mercadolibre's internal tool, to integrate and manage the application ecosystem, facilitating interoperability and efficient handling of dependencies across the organization.

Globant, Bogotá, Colombia   Jun. 2021 – Nov. 2022
Back-end Developer
- ● Build first mvp for an automotive industry application for Nissan-MX.
- ● Coordinated with frontend and product teams in the identification of the services that provide backend.
- ● consume and use external services such as telemetry to integrate with the mobile application.
- ● Assist in the definition and design of the backend architecture in the cloud with aws for the Nissan mobile application.

Sophos Solutions - ADL, Bogotá, Colombia   Nov. 2020 – May. 2021
Back-end Developer
- Migrated specific microservices and serverless modules on the predefined AWS architecture
- Create infrastructure as code of specific modules for the migration project
- Assist in the definition and design of the architecture of the migration project modules
- Coordinated with engineering and product teams in identification of the migration project
- A security library was created across all laboratory services

PSL Corp, Bogotá, Colombia   Nov. 2019 – Jul. 2020
Back-end Developer
- Developed new functionalities and maintained existing ones on an application for different marketing channels
- Suggest technical and efficient solutions to the client's needs.
- Implementation of a new module in the application used by a Health company to manage the information of its affiliates
- Assist that the development team implements the best coding practices. (Peer review, CI)

Banco de Bogotá, Bogotá, Colombia   Jun. 2019 – Oct. 2019
Back-end Developer
- Developed mobile, web and cloud infrastructure of the post-sales offices of the bank's services
- Developed mobile, web and cloud infrastructure of digital shifts of all the bank's headquarters nationwide
- Improvement on waiting time in branches to solve post-sales services, increasing customer satisfaction measured by NPS indicators vs traditional services

S4N, Bogotá, Colombia   Apr. 2018 – May. 2019
Back-end Developer
- Developed an application for internal client based on microservices for all pension modalities nationwide according to current legislation
- Designed and created distributed applications that are flexible and are able to scale in demand through reactive technologies and the functional paradigm
- Refined performance and tracked the life cycle of the modules form the development stages to production

Education

Universidad de los Andes, Bogotá, Colombia   Aug. 2022 – At date
MS, Information Security

Universidad Nacional de Colombia, Bogotá, Colombia   Feb. 2012 – Jun. 2018
BS, Systems and Computer Engineering