



Edgar Israel Cano Román
Consultant

Deloitte Consulting LLP

Queretaro

Mobile: +52 55 6753 9874

Summary of Experience and Qualifications

Full Stack Consultant experienced in Web Applications Development. Proficiency with Java ecosystem technologies (Jakarta EE, Spring Boot, Microprofile) and JavaScript frameworks in both frontend (Angular, React.js) and backend (Express.js). Solid knowledge on SQL, relational databases and NoSQL databases. Microsoft Azure Certified with proven experience in cloud solutions implementation.

Previous Experience

Industry: TMT Service Area: Technology

Service Line: Technology Integration

Backend Developer; 6 months.

Communication Product Company with regional presence.

In order to complete a governmental requirement, the team was asked to create a REST API to handle the massive number of requests that were triggered to notify people about missing people using the local program called "Alerta Amber" via SMS.

Role: Developed a Spring Boot REST API for efficient management of large-scale SMS delivery. Used Apache Camel, ActiveMQ, and Spring Data JDBC with Cassandra Database. Integrated Keycloak for robust authentication.

Technical Environment: Spring Boot, ActiveMQ, Spring Data JDBC, Cassandra Database, Apache Camel, Keycloak.

Industry: Financial Services Service Area: Technology

Service Line: Technology Integration

Frontend Developer; 6 months.

Financial Services Company with Regional Impact.

Designed, developed and deployed a complete web application, this is currently the entry point for the customers and business negotiators.

In order to achieve some specific points on audit, the team was asked to use only JavaScript with no framework or frontend library.

Role: Responsible for the whole development of the web application using vanilla JavaScript. Developed SPA functionalities, consumed Syncfusion EJ2 licensed components and developed SEO optimized Blog section.

Technical Environment: JavaScript, HTML, CSS, Syncfusion EJ2.

Industry: TMT Service Area: Technology

Service Line: Technology Integration

Backend Developer; 6 months.

Communication Product Company with regional presence.

Using the newest standards and technologies in order to achieve a better performance in one of the main products of the company, the team was asked to migrate some of the non-core components that have the responsibility to create reports for internal and external use.

Role: Responsible for managing the migration of components from Microprofile to Spring Boot 3. Migration of XML-based bean definition to Class-based beans definition. Implementing Apache Camel in order to handle the massive number of requests.

Technical Environment: Java, Microprofile, Spring Boot, PostgreSQL, ActiveMQ, XML.

Industry: TMT Service Area: Technology

Service Line: Technology Integration

Full Stack Developer; 6 months.

Wireless telecommunications company with regional impact.

Developed customer account management web application to be used by the company employees. This was designed in order to execute some specific functions like, PDF render and Download, SOAP services consuming, client authentication and authorization and LDAP protocol communication.

Role: Responsible for development of backend functionalities, SOAP protocol consuming and database transactions, additionally, manage and developed client-side interactions and components rendering using vanilla JavaScript.

Technical Environment: Java, Spring Boot, Thymeleaf, Oracle Database, Spring Data JPA, Spring Security, Spring LDAP, JavaScript.

Industry: TMT Service Area: Technology

Service Line: Technology Integration

Full Stack Developer; 6 months.

Educational Institution located in México Metropolitan Area

Designed and developed a customer account reports generator in PDF format, formed by a client-side web application and a REST API backend.

Role: Responsible for designing and development of both backend and frontend applications. They communicate by HTTP protocol using a REST architecture, used Apache POI Java library for managing the XSLX reading and PDF rendering.

Technical Environment: React.js, TypeScript, Spring Boot, Apache POI, Java, Spring Security.

System Experience

Software / Products: IntelliJ IDEA "expert", Visual Studio Code "expert", Postman "expert", Thunder Client "project experience", JMeter "project experience", SoapUI "project experience".

Development Tools / Languages: Java "expert", JavaScript "expert", TypeScript "expert", Node.js "expert", Spring Boot "expert", React.js "expert", Angular "expert", Express.js "project experience", Git "expert", Shell Scripting "project experience", Python "project experience", C# "project experience".

Hardware / Operating Systems: Linux (Debian 11, Ubuntu, Manjaro) "expert", Windows "expert", MacOS "expert".

Middleware / Databases: PostgreSQL "project experience", MySQL "project experience", Oracle Database "project experience", MongoDB "project experience", Cassandra Database "project experience", Keycloak "project experience", Apache ActiveMQ "project experience", Apache Camel "project experience", Apache Artemis "project experience".

Education

Bachelor in Computer Systems Engineering
Tecnológico de Estudios Superiores de Ecatepec

Professional Affiliations / Certifications

- Microsoft Certified: Azure Fundamentals.

Training

- N/A

Publications

- N/A

Presentations

- N/A
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Foreign Language Skills

- English - Fluent in Business
- Spanish - Native

Internal References -

Edgar Cano, +52 55 6753 9874, canoromanedgarisrael@gmail.com