Richard Martínez Ceballos

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Full Stack Developer

I'm Systems Engineer with strong experience as a full stack developer specializing in Java and Oracle Web Applications, with extensive experience in building large-scale business web applications using SOAP and Rest API services for managing big data in banking, agribusiness, and education between others; designing reportings and data integration between different platforms; Additionally, I have strong communication skills, collaborating with teams developing with JavaScript, .Net; php, python and databases like Sql Server, mySql among others.

Summary of Qualifications

Software Language	**Databases**	**Libraries and Frameworks**	**Report Tools**	**Operative Systems and Others**	**Languages**
Java, JavaScript, VB, C#, TypeScript, php, .Net, Python, Soap and Rest Services	Oracle, Sql Server, MySQL, Sqlite, MongoDB, MariaDb	Java Spring, Java RichFaces, .Net Core, Razor, jQuery, Node.js, React, Angular, Selenium	Jasper Reports, Reporting Services	Unix, Linux, Mac Os, Azure, AWS, Docker, Git	Spanish (Native) English (C1) Portuguese (A1)

Career History

Senior Analyst
TATA Consultancy Services - Montevideo Uruguay September 2022 – March 2023

- Designed and implemented microservices in C# for scalable and secure API integrations, improving transaction processing time by 20% in enterprise environments.
- Developed a custom IDE in the terminal using nvim, implementing functions in Lua.

Senior Advanced Develop Engineer
Heinsohn - Bogotá Colombia February 2021 – July 2022
Client: Minuto de Dios University Corporation

- Led the .Net and RPA applications, applying the Scrum framework.
- Developed the RPA application using Selenium with scripting C#, which reduced response time by 50% and improved user satisfaction.
- Developed a chatbot for Teams, Web and Whatsapp version; using Artificial Intelligence for Teams and Whatsapp version and with LUIS and QnaMaker, and registering this answers in Sql Server database developed with C# and dotNet framework 6, deployed and managed with Azure, which helped to solve questions related to University.
- Developed the microbus services with C# using Docker, optimizing its performance, providing functionality to its other applications.
- Designed the Hexagonal architecture and Develop for Signatures Registers Web Application, using Oracle 12c and Node.js 12 with express for API Rest with npm 6.14 in BackEnd, and Angular 12 for FrontEnd, to help optimize the activities for registers to its workers.

Programmer Analyst
Samtel **-** Bogotá Colombia April 2016 - September 2020
Client: Federación Nacional de Cafeteros de Colombia

- Developed the Sica Web Application, working in the development team with Scrum, implemented a Hexagonal Architecture with Java Rich faces in front end and Java spring in backend with Oracle 11g database, microservices with SOAP, reporting with Jasper Reports deployed in AWS with Kubernetes. Which helped extension workers to register their educational work more effectively and giving greater satisfaction to senior management, being reflected in the reports.
- Developed the invoice sending module implemented with Java 1.8 using Java Spring Boot in backend and Java primefaces in frontend, with Oracle 11g database, applying the transfer of invoices with the PGP encryption method to SFTP server for the IGEC (Government Incentive for Coffee Equity) application. Whose achievement helped the company to control with a higher level of security and automatic management of the process for its invoices. In the final process generated a plain report that was used by Jasper Reports to help the high manager tracking the number and average of invoices by day.
- Developed the module for delete Agendas of the Tasting Bar application, using Oracle Database 11g, and Java jdk 1.8, java primefaces for front-end and Java spring for back-end; and architecture a design pattern with View controller model, data and services. Which helped the company to better manage the agendas programmed during the Cupping event worldwide.
- I was reviewing quality standards for code and supporting in the development for modules in Node.js with React Native, Oracle database and microservices in api REST with express, for the Sica Web reengineering application, in which it served with the continuity of development with stable quality standards for this application.

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- **Client: Falabella Bank.** Developed the Campaign Manager application, using C# .NET language, accompanied by MVC, with framework 4.5 and Oracle 11g database, in front end side; using combining Razor and Node.js 8.9 with Angular 6. Speeding up the registration of its campaigns in an agile way using a more friendly and minimalist interface with the user.
- **Client: ETB (Bogotá Telecommunications Company)**. Developed the login module mietb in Java jdk 1.8 using the apis of Facebook, Twitter and Google for the Social Network Sign Up to this portal, so users can register and/or enter more easily and quickly through their favorite social network.
- **Client: Santander Bank**. I designed the MVC architecture and developed with php language and mysql database the Incident Registry application. Helping to manage technical incidents assigned to each of the bank's technology workers.

Sistema de Información Cafetera SICA WEB Developer
Federación Nacional de Cafeteros de Colombia - Bogotá Colombia November 2015 - March 2016

- Developed the Sica Web application applying a Hexagonal architecture implemented with Java rich faces in front end and Java spring boot in backend with Oracle 11g database. This application helps manage massive amounts of information, approaching nearly a million daily records related to farms, coffee growers, and educational activities. It has significantly improved decision-making processes for senior management through its reporting capabilities, leading to increased satisfaction.

.Net and Sql Server Consultant
Beepers Consulting **-** Bogotá Colombia June 2014 - May 2015

- **Client: SABMiller**. Developed the stored procedures in Sql Server 2012 for data integration between ETL's and jobs for the Avatar application for its KPI's, helping to improve e-commerce decision making for the countries of Colombia, Salvador, Perú and Ecuador. Also I help to reduce the stress time of the answer by some stored procedures from 10 hours to 5 minutes, between: tuning the database with, improving the joins in queries and applying the strategic indexes.

.Net and Java Consultant
Softtek **-** Bogotá Colombia June 2012 - January 2014

- **Client: Biomax.** Developed the dynamic reports main queries using DB2 database in the SAP CLM application. Helping better manage contracts and procedures for the company.
- **Client: Claro.** I Designed and developed the architecture of Requirements Administration application with C# language, .NET framework 4.0, Ajax ToolKit 4.1 library and Oracle 11g database, using a model of data, business and presentation layers. Which allowed it to efficiently manage the different technical requirements
- **Client: Oleoductos del Llano**. I designed the architecture and developed the Purchasing application company, with .NET C # language, framework 4.0 and Sql Server using MVC Web Application development pattern.
- **Client: Federación Nacional de Cafeteros de Colombia.** I developed custom solutions for issues during the migration from SAP version 7.0 to 7.3 in the Purchasing and Sales system using Java, and implemented the graphical interface for validations with JavaScript. This helped improve transaction speed and optimize security.
- **Client: Federación Nacional de Cafeteros de Colombia.** I developed the PIC (Government Aid to Coffee Grower) project for the Federación Nacional de Cafeteros de Colombia with Java and Oracle 11g database, using as spring framework in backend, RichFaces in frontend, Jasper Reports for reporting, and OWASP for identification of vulnerability inconsistencies. This project allowed for a more agile registration and monitoring of the aid that coffee growers received from the government at that time.

.Net Developer
HEON **-** Bogotá Colombia May 2009 - January 2012

- Developed with the .NET VB language with aspx, framework 2.0 and Sql Server 2008 Database. for EPS authorization, air tickets and Assigned Appointments modules in the Heon Medical Application; for Saludcoop, Cruz Blanca and CafeSalud, this helped with the massive data volume transactions of the affiliates, reaching close to 2 million dailies.

Project Engineer
DAKYA **-** Bogotá Colombia March 2005 - December 2007

- **Client: Cali mayoralty**. Developed the BPM application with Java, Jython, and Sql Server 2005 Database and design of their internal processes and translated the tech document from Portuguese to Spanish.
- **Client: Cámara de Comercio de Bogotá.** Designed the architecture and developed the agro-management application with php language and mysql database.
- **Client: Granahorrar Bank.** Developed the Referencing System application for; in .NET VB, with framework 1.1 and Sql Server 2000 database.
- **Client: DANE (National Department of Statistic).** Developed the statistics applications for in php and mysql to capturing the information for these statistical indicators: Edit (Technological development and innovation survey), MMM (Monthly Manufacturing Sample), EAS (Annual Services Sample), MMS (Monthly Services Sample), MTS (Quarterly Services Sample), IPP (Producer Price Index). It managed to capture in record time the information of the different Colombian companies, achieve a better understanding of their reports to senior management, with this indicator helped other companies measure their standard qualities in Colombia, and send true and real-time results to the different mainstream media.

EDUCATION

Universidad Católica de Colombia – Systems Engineer Bogotá Colombia 2005

Certifications

Certificate	**License**	**Issue date**	**Issuing company**
Data Science Visualization Certificate	3005ea6039604a98b897cb8d9f93fd59	2022/05/15	edX - HardvardX
Scrum Product Owner Professional Certificate SPOPC®	CLRRRYBPPB-KJHLHJJG-XSWYMRHTYS	2021/09/26	CertiProf
Scrum Master Professional Certificate SMPC®	JLPJFFHFPK-HNHBHZVT-YBTYYTQBWG	2021/06/12	CertiProf
Scrum Fundamentals	668750	2018/11/10	Fundación de Egresados U. Distrital
MCPS: Microsoft Certified Professional	E921-9941	2012/04/16	IT Talent
MCTS: .NET Framework 4, Service Communication Applications	D624-9807	2012/01/28	IT Talent
MCTS: Web Applications Development with Microsoft .NET Framework 4	D556-3098	2011/11/30	IT Talent

FOR REFERENCES ON REQUEST