

Carlos Felipe Téllez Castaño

cftellezc@gmail.com - cftellezc@unal.edu.co
www.cftellezc.com

E-Commerce Senior Technical Consultant, Solutions Architect and Researcher with extensive experience in the Banking, Telco, and Retail sectors. Certified SOA and SAP Architect with a solid background in cybersecurity, enhancing digital security in e-commerce and banking systems. Proven expertise in Cloud Computing, technical architecture integrations, application development, and data management. Experienced researcher specializing in artificial intelligence, cryptography, information security, ad-hoc networks, and quantum computing. Accomplished software engineer with 18 years of experience across all phases of the software development lifecycle, including business analysis, requirements management, design, implementation, testing, documentation, and client interactions.

EDUCATION

Master of Science (MSc) in Systems Engineering and Computing **2007 - 2011**
Universidad Nacional de Colombia; Bogotá, Colombia.

Awarded a Meritorious Distinction for the Master's Thesis "A Cryptography-Based Mechanism for Identifying Nodes Applied to Detection of Wormhole Intrusion in Ad-Hoc Networks".

Computer Systems Engineer **2000 - 2006**
Universidad Nacional de Colombia; Bogotá, Colombia.

EXPERIENCE

- **Professional Experience: 18 years (March 2007 - Present)**
- **Pre-Graduation Work Experience: 1 year and 8 months (August 2005 - March 2007)**

SAP Commerce Cloud - Technology Senior Consultant **October 2019 - Present**
SAP Colombia SAS (6 Years, 2 months)

- **SAP Commerce Cloud Consulting:** Delivered expert technical advice and tailored solutions for the SAP e-commerce platform, meeting the unique needs of over 30 clients in the LAC region, resulting in an average customer satisfaction increase of 25%.
- **Early Adopter Care (EAC) Program Leadership – SAP CX AI Toolkit:** Served as a core technical lead for the SAP CX AI Toolkit within the global Early Adopter Care (EAC) program, guiding 15+ enterprise customers through the adoption of AI-driven capabilities such as Visual Search, Ask About This Product, and AI-powered assistants. Ensured successful onboarding, environment readiness, integration, and post-adoption optimization across LAC.

- **Official Presenter & Evangelist for SAP CX AI Toolkit:** Represented SAP as a technical presenter in workshops, bootcamps, customer roadshows, and strategic sessions, showcasing AI capabilities and value realization to C-level and architecture teams across LATAM.
- **Technical Analysis and Best Practices Enforcement:** Ensured that client implementations of SAP Commerce not only met but exceeded SAP Commerce's best practices and the software industry's highest standards. This involved a dedication to sophisticated methodologies, thorough analysis, and the review of design, architecture, coding practices, and performance enhancements.
- **E-commerce Cybersecurity Consultancy:** Provided specialized cybersecurity consultancy, enhancing the security of over 20 e-commerce sites integrated with ERP systems, payment gateways, and middleware, reducing security breaches by 95%. This included efforts to fortify front-end security and protect sensitive user data through ethical hacking techniques.
- **Leadership in Data and Media Migrations:** Led the technical aspect of transitioning SAP Commerce solutions for 8 clients from on-premise and private cloud setups to the Azure public cloud, achieving a 100% migration success rate with significantly minimized downtime.
- **Upgrades of SAP Commerce Cloud:** Executed upgrades to the latest versions of SAP Commerce Cloud for 7 clients across the LAC, resulting in a 30% improvement in e-commerce platform performance and enhancing their functional capabilities.
- **Architectural Solutions Design:** Designed software architectures implementing best practices for over 10 projects, facilitating clear communication and alignment of architectural decisions with both internal teams and clients.
- **Technical Leadership:** Led development teams on 6 complex projects, delivering solutions that significantly boosted client business operations in Latin America, with an average project ROI increase of 20%.
- **Cloud Computing with Azure:** Managed a range of Azure services for 10+ projects, employing Kubernetes and clustering to enhance cloud infrastructure efficiency, which resulted in a 50% improvement in cloud resource utilization.
- **Advanced Development:** Created advanced solutions within SAP Commerce using technologies like Java, Spring, and Angular, increasing system functionality and user experience for over 20 applications.
- **Upgrades Point of Contact for Latin America:** As the primary contact for SAP Commerce upgrades, I advised over 10 LAC clients on the technical aspects of SAP's global upgrade programs.
- **Technical and Business Workshop Leadership:** Designed and conducted workshops focused on SAP Commerce Cloud and CCv2 solutions in Azure for more than 10 clients, benefiting both clients and SAP's internal teams.

Senior Functional Consultant
Sophos Solutions (2 months)

July 2019 – October 2019

- **IBM Integration Bus (IIB) Architecture:** As the architect, I was tasked with designing and overseeing the implementation of integration solutions, ensuring robust and scalable system architecture. This led to a 40% increase in system efficiency and scalability, with a keen focus on implementing cybersecurity measures that enhanced security for banking transactions and systems by 60%.
- **Integration Solutions Development:** Spearheaded the design and development of scripts and integration solutions, facilitating seamless data exchange across heterogeneous systems including ERP systems, databases, and ATMs, emphasizing security best practices to safeguard banking

integrations and transactions from vulnerabilities, thereby enhancing the security of financial operations.

- **Proof of Concept (POC) and Proof of Technology (POT):** Conducted comprehensive evaluations to test and validate interoperability across diverse technological platforms. This initiative resulted in a 90% success rate in demonstrating the feasibility and efficiency of proposed solutions.
- **Technological Proficiency:** My role involved extensive use of a variety of tools and technologies, including SOA principles, IBM WebSphere Message Broker, various adapters, design patterns, ESQL, XML, XSLT, SOAP, and HTTP protocols.
- **Project Contribution:** Made significant contributions to a project for Banco de Occidente, where my integration solutions not only played a critical role in enhancing the bank's operational efficiency by 30% and data management capabilities but also fortified their cybersecurity posture, reducing security incidents by 80%.

CEO and Founder

December 2016 – April 2019

ST Servicios de Tecnología e Inversiones (2 Years, 4 months)

- **Web Portal Support:** Ensured comprehensive support for client web applications, optimizing user experience and functionality. Through the implementation of advanced cybersecurity measures, I increased the security of our web portal offerings, reducing online threats by 75% and enhancing user satisfaction by 40%.
- **Linux Application Management:** My responsibilities included the installation, configuration, and maintenance of Linux-based applications, with a keen focus on securing these applications against vulnerabilities, guaranteeing high operational efficiency and system reliability.
- **Administrative Response and Resolution:** Played a pivotal role in rapidly addressing and resolving any administrative needs within our company, fostering a responsive and agile operational environment.
- **Technological Toolkit:** Utilizing a suite of tools and technologies, including Linux operating systems, application servers, secure HTTPS protocols, and JMeter for performance testing, I led the company in delivering high-quality technological solutions for 11 clients.
- **Project Leadership:** Under my leadership, “ST Servicios de Tecnología e Inversiones” not only delivered robust technological solutions but also maintained a keen focus on meeting and exceeding client expectations in every project engagement. This approach resulted in a 50% increase in client retention and a 20% growth in new client acquisitions.

Senior Professional (Senior Technical Lead and Solution Architect)

January 2015 – November 2016

Agrarian Bank Colombia, through outsourcing partners “Grupo Empresarial Coltempora S.A.” and “S&A Servicios y Asesorías S.A.” (1 Year, 10 months)

- **Technical Team Leadership:** Directed a technical team of 7 members in crafting solutions for the ORACLE ERP and IFRS standards implementation, ensuring the bank's systems were compliant, efficient, and secure against data breaches and cyber threats.
- **Stakeholder Liaison:** Served as the crucial intermediary between stakeholders, various project teams, and the technical team, improving communication and alignment on project goals and technical deliverables. This role facilitated a 25% faster project alignment and decision-making process, enhancing project turnaround times.

- **Architecture and High-Level Design:** Defined the solution architectures and high-level software designs essential for the SOA, ESB, and ORACLE ERP implementations, incorporating data security protocols. This involved creating architectural models and generating necessary documentation to guide the development process.
- **Technological Proficiency:** Leveraged a suite of tools including Java, Oracle Data Integrator, and Archimate to develop, implement, and optimize the bank's technological infrastructure.

SOA and Java Technical Lead, Web and ESB Developer

July 2008 - July 2014

Business Analyst, OS/390 Developer, Test Engineer

IBM - Colombia (6 Years) through outsourcing partners "DTS Consulting" and "ISSC (INFORMATICA SERVICIOS Y SOLUCIONES DE COLOMBIA S.A)"

A. IT SPECIALIST

August 2011 - July 2014

At IBM Colombia:

- **J2EE, JSP Developer** (Fondo Nacional del Ahorro Phase 2 Project, Nov 2013 - Jul 2014): Involved in web application development, emphasizing the protection of citizens' data. Implemented security measures that enhanced data protection protocols by 50%, ensuring secure data handling practices.
- **Technical Integration Lead** (Davivienda Project, Jul 2013 - Nov 2013): As the leader of the Integration Software Factory, I utilized IBM WebSphere Message Broker and JAVA, managing projects with a keen focus on secure integration practices and adherence to cybersecurity protocols in banking applications.
- **Technical Development Lead** (FNA Phase 1 Project, Apr 2013 - Jul 2013): Led web application development teams, prioritizing the security and privacy of citizens' information. This focus resulted in a 30% enhancement in the security and privacy measures throughout the development process.
- **Technical Integration Lead** (Bancolombia Project, Aug 2011 - Apr 2013): In the Development Software Factory for the INNOVA/Bancolombia project, I coordinated technical efforts using IBM WebSphere Message Broker, WebServices, JAVA, MQ, and databases, focusing on implementing secure information handling and cybersecurity best practices.

B. PROGRAMMER SPECIALIST (OS/390 Developer)

January 2009 - August 2011

At ISSC (an IBM Subsidiary):

- **WebSphere Message Broker Developer** (INNOVA Project - BANCOLOMBIA, Sep 2010 - Aug 2011): I implemented banking transaction integrations using IBM Websphere Message Broker, specializing in transaction security and applying cybersecurity protocols to ensure financial data protection.
- **Functional Analyst and Software Testing Engineer** (INNOVA Project - BANCOLOMBIA, Jul 2009 - Aug 2010): My role involved designing and executing tests for secure banking integrations, and enhancing banking software processes through meticulous analysis and optimization efforts.

- **Software Developer** (ATIS Project - Telefónica TELECOM, Jan 2009 - Jun 2009): Developed client information management software, contributing to a 25% improvement in service delivery within the telecommunications sector.

C. Junior Analyst (Testing Engineer)

July 2008 - January 2009

At DTS Consulting (an IBM Outsourcing company):

- **ATIS Project - Telefónica TELECOM:** Tested the client information management software solution, enhancing solution accuracy and reliability by 30% in the telecommunications sector.

Software Business Consultant

November 2007 – June 2008

Informatica Siglo 21 LTDA (7 months)

- **Best Practices Implementation:** I was tasked with implementing the best software engineering practices, focusing on both functional and non-functional specifications to ensure that software development met high standards of quality and efficiency.
- **Documentation and Modeling:** I created comprehensive documentation and models including use cases, flow charts, Object-Oriented (OO) models, UML diagrams, process flows, task analysis, database diagrams, wireframes, and screen mock-ups. This facilitated clear communication among team members and stakeholders, ensuring that all aspects of the software development process were well understood and effectively executed.

Software Analyst and Technical Lead

March 2007 – October 2007

Special Administrative Unit of Public Services (UAESP) / Universidad Nacional de Colombia (8 months)

- **Team Leadership and System Enhancement:** Directed a team of four developers to improve the public service request system on the UAESP website. Efforts resulted in a 50% improvement in user experience and a 40% enhancement in the online security of the portal, providing a safer environment for user transactions.
- **Collaborative Project Leadership:** Spearheaded a joint project between the Universidad Nacional de Colombia and the Special Administrative Unit of Public Services (UAESP) of Bogotá, fostering a collaborative effort to improve public service delivery through technological advancements.
- **Project Management with IBM RUP:** Managed project requirements utilizing the IBM Rational Unified Process (RUP) methodology, ensuring a structured and efficient approach to software development that aligned with best practices and standards.
- **IT Security Consultancy:** Served as an IT security consultant, focusing on enhancing the website's security framework. This initiative reduced transactional security incidents by 60%, highlighting my ability to address complex cybersecurity challenges and protect sensitive data and user interactions.

TEACHING EXPERIENCE

Computer Science Instructor

August 2005 – March 2007

Esacomp Institute (1 Year, 8 months)

- **IT Skills Training:** Provided comprehensive training in key IT tools (including DreamWeaver, Flash, Microsoft SQL Server, Linux, Visual Basic, Corel Draw, and Office) and programming concepts to foster personal and business growth among students.
- **Courses in Information Systems and Telecom:** Taught Database Design, Computer Networks, and Programming Logic, aiming to equip students with a solid foundation in technology and prepare them for entrepreneurial endeavors.
- **Development of Academic Web Applications:** Led projects using Visual Basic and web technologies (HTML, CSS, XML, JavaScript) to create interactive educational tools and web pages for courses, enhancing the learning experience.

Teaching Assistant in Introduction to Engineering

August 2005 – December 2005

Universidad Nacional de Colombia (4 months)

- **Educational Support and Mentorship:** Served as a teaching assistant for the course “Computer Programming,” for undergraduate programs within the Faculty of Engineering, assisting over 40 students. This role involved helping in the delivery of course content, providing support and guidance, and contributing to the development of educational materials under the supervision of Professor Jose Ismael Peña.

CORE COMPETENCIES

Artificial Intelligence & Machine Learning: Python ■ Scikit-learn ■ TensorFlow ■ NLP (spaCy, transformers) ■ LangChain ■ AI Use Case Design ■ Model Integration & Orchestration.

Cybersecurity & Cryptography: Information Security ■ Cryptography Research ■ Ethical Hacking Techniques ■ Cybersecurity Protocols ■ Financial Data Protection ■ Secure Application Design.

Networks & Advanced Research: Ad-Hoc Network Management ■ Quantum Computing Research.

Architecture & Design: Solutions Architecture ■ Technical Architecture Integrations ■ SOA Architecture (IBM WebSphere, MQ) ■ SAP BTP Architecture ■ SAP LeanIX ■ UML ■ BPMN ■ ArchiMate.

Cloud & DevOps: Azure ■ AWS ■ Kubernetes ■ Docker ■ CI/CD (Jenkins, Git, Gradle, SonarQube) ■ Cloud Infrastructure Optimization.

E-Commerce & SAP Technologies: SAP Commerce Cloud ■ SAP Sales & Service Cloud ■ E-Commerce Consulting ■ OCC & REST Extensions ■ SOLR Search Platform.

Development & Programming: Java ■ Python ■ SQL ■ JavaScript ■ Spring Boot ■ Node.js ■ Angular ■ RESTful APIs ■ SOAP Services ■ Application Development (Front-End & Back-End).

Software Engineering: SDLC (Business Analysis, Requirements, Design, Implementation, Testing, Documentation) ■ Agile & DevOps Practices ■ Technical Leadership.

Tools & Platforms: Postman ■ Dynatrace ■ Message Queues (MQ) ■ SAP Commerce Backoffice ■ Performance Testing (jMeter) ■ Database Systems (SQL Server, HANA, MySQL, Oracle, DB2).

Business & Industry Expertise: Customer Relations ■ Banking ■ Telecommunications ■ Retail Sector Experience.

PUBLICATIONS

1. Tellez, Felipe, Ortiz, Jorge (2023). **“Comparing AI Algorithms for Optimizing Elliptic Curve Cryptography Parameters in e-Commerce Integrations: A Pre-Quantum Analysis”**. International Journal of Advanced Computer Science and Applications(IJACSA), 15(6), 2024. Retrieved from <https://dx.doi.org/10.14569/IJACSA.2024.01506153>
2. Tellez, Felipe, Ortiz, Jorge (2011). **“Behavior of Elliptic Curve Cryptosystems for the Wormhole Intrusion in MANET: A Survey and Analysis”**. International Journal of Computer Science and Network Security, 11(9), pp. 1-12. Retrieved from http://paper.ijcsns.org/07_book/html/201109/201109001.html

THESIS

1. Tellez, Felipe (2012). **“A Cryptography-Based Mechanism for Identifying Nodes Applied to Detection of Wormhole Intrusion in Ad-Hoc Networks”**.
 - Master's Thesis.
 - Universidad Nacional de Colombia.
 - Faculty of Engineering.
 - Department of Systems and Industrial Engineering.
 - Bogotá D.C., Colombia.
 - ***Awarded a Meritorious Distinction.***
 - Research Line: Information Security, AI, and Cryptography.
 - Director: Ph.D. Jorge Eduardo Ortiz Triviño.
 - Part of the research outputs of the “TLÖN - Research Group on Dynamic Telecommunications Networks and Distributed Programming Languages” (<http://tlon.unal.edu.co/>).
 - Thesis submitted in partial fulfillment of the requirements for the degree of master's in systems and computer engineering.
 - Retrieved from <https://repositorio.unal.edu.co/handle/unal/9966>

ORAL PRESENTATIONS

1. Speaker. **"Review of Security Requirements in MANETs for Elliptic Curve Cryptosystems."**

- Presented at the National Congress of Systems Engineering - Evenco CCC.
- Event date: October 6-8, 2011.
- Location: Barranquilla, Colombia.
- Promoted by the Universidad Nacional de Colombia for representation at the congress.
- Part of the research outputs of the "TLÖN - Research Group on Dynamic Telecommunications Networks and Distributed Programming Languages" (<http://tlon.unal.edu.co/>).
- Supervisor: Ph.D. Jorge Eduardo Ortiz Triviño, Associate Professor at Universidad Nacional de Colombia and Director of the TLÖN Research Group.
- Congress General Director: Víctor Camilo Maestre Socarrás.

2. Featured Speaker – **"SAP Preferred Success Roadshow – Business AI Accelerator."**

- Role: Presenter for Business AI adoption frameworks within the SAP Preferred Success program.
- Event: Business AI Accelerator – Mexico.
- Year: 2025.
- Focus: Helping enterprise customers adopt SAP Business AI, including AI-driven scenarios for all LoB's in SAP.
- Emphasis on governance, safe AI consumption, and measurable business impact.
- Presented multiple technical and strategic sessions supported by live demonstrations.

3. Speaker – **"SAP CX AI Toolkit Applied to the CX Portfolio."**

- Event: SAP NOW Colombia 2025.
- Venue: Ágora Bogotá Convention Center – Bogotá, Colombia.
- Year: 2025.
- Role: Speaker and technical evangelist for SAP CX AI Toolkit across Commerce, Sales, and Service Cloud.
- Demonstrated use cases such as Visual Search, Ask About This Product, Intelligent Assistants, and AI-driven productivity scenarios.
- Audience: C-level executives, enterprise architects, SAP customers, and SAP partners.

4. Speaker – **"Unstoppable Growth with Intelligent CX."**

- Event: SAP Innovation Day for CX.
- Location: Bogotá, Colombia.
- Year: 2025.
- Delivered insights on intelligent CX, AI adoption strategies, and integrating SAP Business AI with the CX portfolio.
- Included demos of AI-enhanced customer journeys and data-driven growth approaches.

5. Speaker – **"SAP Business AI for Leaders – AI-powered CX Solutions."**

- City: Cartagena, Colombia.
- Year: 2025.

- Audience: Executive leadership and senior decision-makers.
- Content: Visionary session on AI strategy, implementation blueprints, governance considerations, and practical AI applications within SAP Commerce, Sales Cloud, and Service Cloud.
- Highlighted end-to-end value realization and enterprise transformation with AI.

6. Speaker – “Artificial Intelligence Applied to CX Solutions.”

- Event: SAP NOW Colombia 2024.
- Venue: Ágora Bogotá Convention Center.
- Year: 2024.
- Role: Showcased SAP Business AI and SAP CX AI Toolkit scenarios applied across Commerce and CRM ecosystems.
- Topics covered: personalized experiences, predictive insights, intelligent automation, and AI-augmented CX.
- Audience: SAP customers, industry leaders, IT and business teams.

7. Speaker - SAP Commerce Cloud Expert – SAP. Speaker. "Customer Trust and Brand Loyalty: Strategies for Meeting and Exceeding Expectations with SAP Commerce Cloud."

- SAP Customer Experience Customer Community Colombia
- Presentation Time: 2:00 PM.
- Event Date: November 24, 2022.
- Mode: On-Site in Bogotá, Colombia.
- Hosted by SAP Colombia, Tierra Firme Building.
- Focused on strategies for enhancing customer trust and adapting to their needs through digital and in-store experience connectivity, and data-driven transformation.
- Target Audience: Clients of SAP Commerce Cloud, Sales Cloud, and Service Cloud.

HONORS AND AWARDS

1. **Meritorious Distinction Equivalent to Magna Cum Laude for the Master's Thesis** “A Cryptography-Based Mechanism for Identifying Nodes Applied to Detection of Wormhole Intrusion in Ad-Hoc Networks.” Universidad Nacional de Colombia, Faculty of Engineering, Department of Systems and Industrial Engineering. 2012.
2. **Recognized for Exceptional Entrance Examination Achievement:** Ranked 51st out of approximately 2500 applicants in the highly competitive admission process for the Systems Engineering program. Admitted through the Regular Admission program for the second semester of the year 2000, Universidad Nacional de Colombia, Bogotá campus. Admission Credential A104806.

GROUP RESEARCH AND PROFESSIONAL AFFILIATIONS

1. **TLÖN - Research Group on Dynamic Telecommunications Networks and Distributed Programming Languages:**
 - Member from 2007 to present.

- Affiliated with the Systems and Computing Engineering - Bogotá Headquarters at the Universidad Nacional de Colombia.
- Recognized by Colciencias, the Administrative Department of Science, Technology, and Innovation of the Colombian government, now known as Minciencias (Ministry of Science, Technology, and Innovation).
- Engages in research lines including Applied Computing and Smart Systems, with a particular focus on cryptography and Ad-Hoc networks.
- Contributions include two publications, a presentation at the National Congress of Systems Engineering in Barranquilla, and a meritorious Master's Thesis.
- Works towards developing solutions for information integration in distributed environments, contributing to the technological competitiveness of Colombian academia and industry.
- Website: <http://tlon.unal.edu.co>

2. Asociación Colombiana de Ingenieros de Sistemas (ACIS):

- Active member since August 10, 2023.
- Actively participates in association events and professional development activities.
- Engages in advancing research in artificial intelligence, cybersecurity, and quantum computing within the systems engineering community.
- Recognized for commitment to professional excellence and contribution to technological innovation in the field of systems engineering.
- Website: <https://www.acis.org.co/>

VISITED COUNTRIES

- Colombia, France, Spain, Italy, United States, Mexico, Guatemala, Peru, Brazil, Chile, Argentina.

CERTIFICATIONS

1. SAP Certified – Solution Architect – SAP BTP

- **Issued by:** SAP
- **Date Issued:** December 11, 2025
- **Expires:** December 12, 2026
- **Verifies** the ability to design and implement enterprise-grade solutions on SAP BTP, covering cloud architectures, integration patterns, extensibility, security, and alignment of business requirements with scalable technical designs.

2. SAP Certified Associate – Enterprise Architecture Consultant – SAP LeanIX

- **Issued by:** SAP
- **Date Issued:** November 20, 2025
- **Expires:** November 21, 2026
- **Certifies** foundational and practical skills in enterprise architecture using SAP LeanIX, ensuring capability in EA documentation, governance, capability mapping, and architecture-led transformation.

3. SAP Certified Professional – Developer – SAP Commerce Cloud

- **Issued by:** SAP
- **Date Issued:** December 29, 2024

- **Expires:** November 22, 2026
- **Validates** advanced technical knowledge for SAP Commerce Cloud Suite, including extension development, architecture, integrations, performance tuning, and hands-on experience (minimum three years).
- 4. **SAP Certified Application Associate – SAP Commerce Cloud Business User**
 - **Issued by:** SAP
 - **Original Certification Date:** April 18, 2020
 - **Updated:** March 04, 2024
 - **Certification ID:** C_C4H320_34
 - Confirms fundamental and core knowledge of SAP Commerce Cloud Backoffice, PCM, promotions, order management, workflows, and business operations.
- 5. **Arcitura Certified SOA Architect**
 - **Issued by:** Arcitura Education
 - **Date:** December 19, 2016
 - **AITCP ID:** 106909
 - Recognizes expertise in service-oriented architecture, governance, design patterns, and enterprise integration methodologies.
- 6. **Arcitura Certified SOA Professional**
 - **Issued by:** Arcitura Education
 - **Date:** October 3, 2016
 - **AITCP ID:** 106909
 - Covers “Fundamental SOA & Service-Oriented Computing” and “SOA Technology Concepts,” validating foundational knowledge of distributed architectures and integration principles.
- 7. **IBM Certified Solution Developer – WebSphere Message Broker V7.0**
 - **Issued by:** IBM
 - **Date:** June 15, 2012
 - **Certification ID:** SR8132514
 - Certifies skills in message flow development, transformation logic, routing, and operational considerations using IBM WebSphere Message Broker.

LANGUAGES

- **Spanish:** Native level
- **English:** Proficient level (IELTS Score: B2)
- **Portuguese:** Intermediate level

COURSES AND SEMINARS

SAP Courses & Records of Achievement

- **Exploring SAP’s Strategy for 2025 – Record of Achievement**
Issued by SAP – March 14, 2025
 Completed the learning journey “Exploring SAP’s Strategy for 2025,” covering strategic priorities, annual refresh processes, and execution of SAP’s strategy across organizations.

- **Putting AI Ethics into Practice at SAP – Record of Achievement**
Issued by SAP – January 23, 2025
Completed the SAP Learning MOOC on AI ethics, governance frameworks, and ethical guidelines for development, deployment, and use of AI systems at SAP.
- **Exploring the SAP Business AI Portfolio – Record of Achievement**
Issued by SAP – September 29, 2024
Completed foundational learning on SAP Business AI, including Joule, AI Foundation, Generative AI Hub, and ethical AI as part of SAP's AI strategy.
- **Positioning and Selling SAP Cloud ERP and RISE with SAP Solutions – Record of Achievement**
Issued by SAP – September 29, 2024
Completed the foundational learning journey focused on product strategy, persuasive customer storytelling, and aligning RISE with SAP to customer business needs.
- **Exploring SAP's Cloud Strategy – Record of Achievement**
Issued by SAP – September 28, 2024
Completed SAP's foundational program on cloud strategy, customer alignment, innovation, and business value positioning.

SAP Technical Courses

- **Becoming an SAP BTP Solution Architect – Course**
Issued by SAP – Completed December 10, 2025
Advanced training on SAP BTP architecture, enterprise design, and alignment of IT strategies using BTP tools and technologies.
- **Learning to Use LeanIX for Enterprise Architecture – Course**
Issued by SAP – Completed October 30, 2025
Training covering LeanIX repository management, modeling, architecture governance, and enterprise architecture best practices.
- **Introducing SAP Business Data Cloud – Course**
Issued by SAP – Completed 2025
Foundational knowledge of SAP Business Data Cloud, including components, key tasks, and innovative use-case exploration.

Language & Communication Programs

- **Basic and Intermediate Portuguese Course**
IBRACO Bogotá – October 20, 2020 to April 26, 2021
Completed virtual Portuguese language training (basic to intermediate proficiency).
- **IELTS Plus Higher Course – British Council**
May 27 to July 19, 2019 – Bogotá
Advanced English preparation program for international certification.
- **Advanced English Course – Northeastern University (Boston, MA, USA)**
August 11 to October 31, 2014
Intensive English program, Level C1. Attendance: 83.96%.

SAP Commerce, SOA & Technical Architecture Training

- **Hybris SAP Commerce Technical Components Course**
SAP São Paulo – November 26–29, 2019
Formal technical deep-dive into SAP Commerce platform components.

- **SOA Architect Course – Mintic Bogotá / SOASchool.com**
July 11–16, 2016 – Bogotá, Colombia
Completed full SOA architecture curriculum (100% progress).
- **SOA Governance Applied to WebSphere Service Registry & Repository**
IBM Application Management Services – October 29 to November 2, 2012
Specialized training in SOA governance and WebSphere registry.
- **UML Applied to Object-Oriented Analysis – ACIS**
January 26 to February 2, 2008 – Bogotá, Colombia
Completed formal UML modeling and OO analysis training (16 hours).

Business, Negotiation & Strategy Programs

- **Strategic Negotiation Seminar – Chamber of Commerce of Bogotá & Banco Agrario**
August 8, 2016 – Bogotá
Certified participation in an 8-hour seminar on negotiation strategy, stakeholder alignment, and business communication.