

Emilio CARCAMO

Date of Birth: March 22, 1985

Nationality : Colombia

Address : 66 St #48-39 Bucaramanga, Colombia

Phone : +57 301 4023433

✉ **E-mail :** emcartro@gmail.com



Profile

- Computer Science Engineer with an IT Master in Enterprises Management and IT Project Management.
- 10 years of experience in software development, 8 years of experience in Java business technologies.
- Focused on the management of Business projects and IT implementation in organizations.

Formations

M.Sc., 2 MIAGE NTDP (2012 sep – 2013 sep)

University of Nice (France.)

Master of Science in Computer Science Applied to Enterprises Management: New Technologies and Projects Management

B.Sc. in Computer Sciences Engineering (2002 apr – 2007 sep)

Universidad Industrial de Santander, Bucaramanga (Colombia).

GPA: 4.19 / 5.0

Awards: Honored student 2004, 2005, 2006

Research project: Methodology for predicting decline curve of oil wells, using Artificial Neural Networks

Experience

2021 May - Present: Senior Developer

Stefanini Group, Bogotá (Colombia).

- Front End and Back End development of applications with Spring boot, Spring framework, SyBase, SqlServer, Azure version control.
- Participation in technical onboarding of the project and/or service team.
- Support the resolution of concerns, blocking tasks and technical gaps that full and junior developers have.
- Analyze, design and estimate the solution corresponding to the requirements received.
- Design and build relational database.
- Build and execute unit tests necessary to ensure the quality of deliverables.
- Technical Assurance of the development life cycle.
- Deployment of applications on IBM WAS services.

Tech stack:

[Translated with DeepL](#)

2020 1st Jul- 30 may - 2021: Professional Renovation Information Service

Santander's Industrial University, Bucaramanga (Colombia)

- Development of the new human resources information system based in Java Spring and

2019 – Present: Teacher

Santander's Industrial University, Bucaramanga (Colombia)

Subjects:

- Object-oriented programming
- Software engineering

2017 14 Jun – 2020 14 Oct – IT Advisor at Mediatics

Mediatics SAS, Bucaramanga (Colombia).

Projects:

Dispatches Information System for MPI company (5 months) <http://mpi.spicol.com>

Key Strengths

- Proactive and strong teamwork skills
- High interest in learning and receiving feedback from teammates
- Java 11
- Project management and under-pressure work skills

Language Proficiency

- **English:** Fluent. B2
- **French:** Advanced-DELF B2
- **Spanish:** Native

Honors and Awards

- Scholarship of the Embassy of France in Colombia 2011- 2012 – CEF
- Scholarship of the COLFUTURO organization 2012-2013
- Honored student 2004, 2005, 2006

Personal interests

- Soccer, tennis and dominó
- Playing guitar
- Photography
- Meeting and learning new cultures
- Marathon

Volunteer Work

- Volunteer TA in Computer programming to undergraduate students at Universidad de Santander, Colombia (2004-2007)
- Mozilla (2009-2014)

More Information



- Analysis, design and development of software under Java technologies 8
- Customer administration, registration and tracking of shipments, portfolio management

Dental Information System (7 months)

- Analysis, design and development of software under Java technologies 8
- Dental appointments, management of odontograms, treatments and procedures, budget control and statistics.

Software for P.H.D thesis "Efficacy of a nursing intervention in the process of becoming a mother, in first-time" (6 months)

- Analysis, design and development of software under Java technologies 8
- Registration of situations and events that occur to first-time mothers, registration of the nursing plan and answers to situations, evaluation and control of achievements, agenda

2014 1 Jul - 2017 30 Jul: Professional of Information Services Department.

Santander's Industrial University, Bucaramanga (Colombia):

Project: Information system for clinical and community nursing practices (SIPCE).

Version 5 (10 months)

- SIPCE update to Java jee8 with Jboss and primefaces with new Design Patterns
- Massive information uploads
- Advanced statistics and data analysis
- Templates Design for mobile version.

Version 4 (24 months)

- Reengineering of SIPCE V3 Software
- Analysis and design of new DB, interfaces and architecture
- Development under java jee5 and jsf
- Integration with academic and human resources institutional systems
- Development of web services
- Performance of functional tests and training of end users.
- Technical support

2015 3 Sep - 2016 21 Jan: IT Advisor

Public Sewer Company of Santander, EMPAS (Colombia).

- Monitoring the administration and operation of databases, operating and network systems, collaborating in the implementation of applications and new hardware technologies.
- Monitoring the analysis and development of institutional information systems.
- Define and execute security and contingency plans, and their policies in the technological infrastructure.

2014 17 Jul - - 2015 21 Jul: Government of Santander Contractor, Bucaramanga(Colombia).

Government of Santander, Bucaramanga (Colombia).

- Provide professional services to the Secretary of Planning in matters related to management and evaluation of projects of the Royalties Management System of Colombia
- Evaluate investment projects carried out by the Planning Department.
- Provide support to the Planning and Information Systems group in the development, implementation and operation of the information systems available in the Planning Secretariat.

2013: - Computer Engineer at Digital Fag Packet.

Digital Fag Packet, Manchester (UK)

- Research, study, evaluation and implementation of platforms for project management and customer relationship management (CRM)
- Marketing activities and development of business strategies.
- Development of modules "front end" in JavaScript, HTML5 and CSS3

2008 19 Sep – 2012 10 Aug: - Project manager assistant.

Planning Office of Santander's Industrial University, Bucaramanga (Colombia):

- Responsible for the development of the new system for project management of the Santander's Industrial University (SGPUIIS).

- Support and supervise the development of internships associated to this project.
- Development of Web applications based on java.
- Perform functional and integration test.

2009 26 Oct –2011 21 Feb: Professor at Santander's Industrial University

Bucaramanga (Colombia). Subjects:

- Software Engineering II
- Informatics I

Skills and Qualifications

Programming skills

- WEB Programming Java Enterprise, Springboot, Spring MVC, REST services, Primefaces, Angular, Typescript, JPA, Hibernate, Maven.
- Data Bases: Informix, postgres, MySql Server, oracle.
- Data Mining: Clementine Software, Matlab
- Artificial Intelligence algorithms

Project Management

Development projects using SCRUM and PMI project management methodology.

- Microsoft Project, Mind Manager.

Modeling and design of information systems

- Requirements elicitation using UML modeling tools: Enterprise Architech and Visual Paradigm.
- Conceptual data modeling and design patterns.
- MVC