



PROFILE

Living and breathing code while aspiring to transcendence.

I've had many experiences while working in what I've always loved - coding.

And I've played with a lot of technologies and learned a lot of languages and tools.

Experience is what takes you to the present day, it's my family who motivates me to think about the future.

CONTACT

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Languages: Spanish, French, English.

DAVID FELIPE CARDOZO

SOFTWARE DEVELOPER

EDUCATION

ENSEIRB, National School of Electronics, Informatics and Telecommunications at Bordeaux

2000 - 2004

Computer science and Information engineering

Lycée Victor Hugo de Nîmes, France

1998 - 2000

Special mathematics and physics

Indra Courses

2013 - 2014

Architectures evaluation with function point methodology, advanced level. Communication concepts. Training concepts. Architecture of cloud solutions with Amazon Web Services. IBM Bluemix cloud solutions and architectures, IBM Cloudant. Indra certified courses.

Microsoft Courses

2005

Application development and site construction with ASP .Net.

ESRI certified courses

2004 - 2005

Advanced features of ArcGIS.

French Lycée Louis Pasteur de Bogotá

1995 - 1999

High school degrees for Colombia and France.

WORK EXPERIENCE

INTERTEC

February 2021 November
2022

Full-stack developer

To support the code base of a modern car selling and contracting application using Python & React.
Write backend related code that will support its newest functionality.
Write test automated scripts with Selenium, Nose2.

PLAYVOX

September 2020
January 2021

Full-stack Web developer

To code the most recent functionalities of the platform with async IO on Tornado, Python, Vue.js, Mongo DB.

BAIRESDEV

October 2019 July
2020

GIS web developer

To code new front-end functionalities for the recreation.gov site. Use React Hooks, Redux, Mapbox-GL.js, PostGIS, Go language, Cassandra.
Write test automation scripts.

P.S.L

November 2018
October 2019

Senior Software developer

Performance optimization of a Java backend application on the health sector: rewrite queries, add indexes, and speed-up its behavior while it was being migrated to GCP's Cloud Spanner database.

Deploy the application using: GCP, Spring Boot, Web Flux, Reactor.

Senior Java Developer

Code a Java backend application for a publicity manager.

Deploy it on Amazon EC2, Lambda.

ALKANZA

Mars 2017
September 2018

Senior Software developer

To code an automated fin-math robo-advisor.

Write Python and Javascript under Django, ReactJS, big data apps with Pandas, SciPy, Plotly. Use Selenium and Pytest automation.

INVYTEC

August 2016
February 2017

Software architect

Responsible for the adoption of Continuous integration and Continuous Deployment tools and methods: Confluence, Docker, construction pipelining with Maven and Circle CI, Heroku, TDD and unit testing with Mocha, Jasmine, JUnit.

Write code integration tests with Selenium, Browser Stack.

Deploy applications on the cloud.

GONET USA

Senior software developer

To code the GoNet - Tralix platform under Scala, Play Framework, Cassandra. Use Rest architectural patterns with Postman, unit & integration testing.

October 2015
February 2016

ACTIVOS COLOMBIA

Software developer

To code Movilway's digital payments platform on ASP .Net MVC, Web API 2, WCF Web Services and Web API Web Services.

Mars
July 2015

INDRA COLOMBIA

Software technical architect

To design the eGovernment solution for the city of Tunja under the Amara platform. Design interactions using Enterprise Architect, remote teams coaching, Angular and Node.js.

July
December 2014

Senior Java Developer

Code the official counting platform of the electoral process in Colombia: legislative elections, 1st and 2nd round presidential elections.
PDF with Jasper Reports with JPA and integrated on a JBoss AS and Java, predictive model with R language, using AWS EC2 cloud service

January
June 2014

Technical Leader and Android mobile devices developer

The DANE is the equivalent of the public statistics and economics measurement agency in Colombia. We coded its survey capture device, which includes a survey designer and database questions, creating and managing forms, transmission, cartographic editing modules (GIS) and of course, capturing the survey and sending it through the cloud.

January
December 2013

The latest and most fashionable technologies of the time were used: PhoneGap, jQuery Mobile, SQLite, Open Layers, for a module 100% HTML5 and plugins in Java for Android 4.x, and WebLogic AS, J2EE.

Reference: Alexander Camelo, team manager, competence center leader (+57) 311 462 1405. Agustin Martinez, markets manager, (+57) 318 351 003

SISTEMCOBRO

Java developer

Write a debt recovery module of a financial analysis platform.
Use J2EE EJBs, JPA, Altitude phone management app, jQuery, JSON, JSP.

April
October 2012

Reference: Julio Mires, CTO, 749 5000, 318 821 78555.

INNERCONSULTING

April 2011
March 2012

Java Development leader

Analysis, design and programming of a payment and financial services system. Both are JEE applications under EJB, JPA Eclipse-Link, GWT, Ext-GWT, Sencha GXT, OAS 10g Servers.

Reference: **Jorge Rodriguez**, general manager and CTO (+571) 6132994.

ADA SA

Senior Software Developer Development Leader Tech Leader

July 2007
February 2011

Requirements analysis, software design.

Coding and monitoring of meteorological systems for the IDEAM. The system is divided into three modules under JSF-Tomahawk, Spring & Hibernate and three geographic viewers under Map Server and Google Maps, Red Hat Linux, Oracle database.

Reference: **Renzo Estremadoyro**, regional manager (+57) 315 883 4460, **César Echeverri** and **Mauricio Zapata**. Bogotá: (+571) 235 19 36, Medellín (+574) 319 8000 <http://ada.co/casos-de-exito/>

PROCALCULO-PROSIS (NOW ESRI COLOMBIA)

Projects Engineer

2005

Analysis, design, and coding of a GIS for networking management of public Health Services.

The system comprises a geographic viewer in ASP .Net and C #, with business-oriented functions and a web application input and XML.

To code the GIS Development Monitoring & Planning for the city of Bogota. J2EE, Oracle OAS 9, ArcIMS. Several other GIS viewers: DADEP, DAPD.

May
December 2004

Internship in Computer Engineering

Development of Geographic viewer with ArcIMS for **mapas.com**, Oracle (Java - JSP).

July
September 2002

Reference: **Andrés Castillo** (acastillo@prosis.com), **Fredy Rincón**. (+571) 638 7272.

LECTRA

January
August 2003

Computer engineering intern

Bordeaux, France: UML modeling and methodologies for business entities analysis in the textile industry.

MY SKILLS

Java	Expert
J2EE	Expert
AWS	Intermediate
Azure	Beginner
Scrum	Intermediate
Leadership	Advanced
.Net	Advanced
C#	Advanced
Hibernate	Expert
Tomcat	Advanced
Spring	Expert
Spring Boot	Advanced
GWT	Advanced
Sencha GXT	Advanced
Android	Advanced
Google Maps programming	Advanced
Javascript	Expert
JQuery	Expert
Angular	Advanced
Typescript	Intermediate
React.js	Expert
Coffee Script	Intermediate
IntelliJ	Expert
Webstorm	Expert
Visual Studio	Advanced
VS Code	Advanced
ASP .Net	Advanced
PHP	Expert
Laravel	Intermediate
Spring Reactor	Advanced
Web Flux	
Perl	Intermediate
Django	Expert
Celery	Advanced
Tornado	Beginner
Bootstrap CSS framework	Advanced
Less / Sass	Advanced
Webpack	Intermediate
Node.js	Expert
Vue.js	Intermediate
SQL	Expert
Oracle	Expert
HTML	Expert
Microservices	Advanced
Python	Expert
DevOps	Intermediate
Solutions architect	Advanced
UML	Advanced
Confluence	Advanced
MEAN stack	Advanced
REST Architecture	Expert
XML	Expert
SOAP Architecture	Advanced
RUP Architecture	Advanced
Circle CI	Advanced
Git	Expert

Github	Expert
Enterprise Architect	Advanced
Power Designer	Advanced
Bitbucket	Expert
GCP Google Cloud Computing	Advanced
Kubernetes	Intermediate
Docker	Expert
Foundation CSS framework	Intermediate
JSON	Expert
Mantis (ticket tracker)	Advanced
Selenium	Expert
Agile	Advanced
JIRA	Advanced
Confluence	Advanced
MySQL	Expert
PostgreSQL	Expert
MongoDB	Expert
PL-SQL	Advanced
Cassandra	Advanced
Scala	Beginner
C++	Expert
Visual C++	Advanced
Prolog	Advanced
Open Layers	Advanced
MapServer	Advanced
Mapbox-GL	Advanced
ArcGIS	Expert
ArcIMS	Expert
JSF	Expert
ETL, Spago BI	Advanced
Oracle Application Server	Advanced
Artificial Intelligence	Beginner
Pandas Python	Intermediate