

## CONTACT INFORMATION

- +57 3013061484
- jaimemonroy31@gmail.com
- LinkedIn
- GitHub Repository
- Official Website
- Rionegro - Antioquia, Colombia

## EDUCATION

### Electronic Engineer

National University of Colombia  
Manizales Headquarters · 2005-2010

## CERTIFICATIONS

### Scrum Developer

Scrum Agile Institute · 2014

### Tibco Spotfire

Tibco · 2014

### Programming with HTML5 Javascript and CSS3

Microsoft · 2014

## COURSES

### .NET 8 Microservices: DDD, CQRS, Vertical/Clean Architecture

by Mehmet Ozkaya · Udemy · 2024

### Best Practices and Concepts for Architecture and Dimensional Design

by Alan Simon · Udemy · 2024

### DP-900 Microsoft Azure Data Fundamentals Practice Tests

by Adam Goswami · Udemy · 2024

### Build a Backend REST API with Python & Django - AdvancedTests

by Mark Winterbottom · Udemy · 2024

## SPOKEN LANGUAGES

- English — B2
- Spanish — Native

## SOFT SKILLS

- Mentoring
- Client management
- Distributed teams
- Team leadership

# Jaime Monroy L.

Full-Stack Developer · C#/.NET · Angular · ReactJS · Python · Cloud

Full and detailed version at [github.com/JaimeMonroyLopez](https://github.com/JaimeMonroyLopez) and [jaimemonroy.dev](https://jaimemonroy.dev)

## PROFESSIONAL SUMMARY

I'm a Full-Stack Developer with 15 years building enterprise software for clients in the US, UK and Latin America — banking, payments, insurance and logistics — mostly in distributed teams, where I've led groups of up to five developers and mentored others.

## WORK EXPERIENCE

### Full-Stack Developer

February 2025 - Current

Alabama Solutions | Sector: Banking — based in Uruguay

LEVEL: Mid-Senior

**SCOPE** Banking product development, with the data moving to a new SQL Server model and the application from ASP.NET Web Forms to Angular.

**WHAT I DID** Adopted AI coding assistants, cutting development and refactoring time by up to 25%, and rebuilt error handling and the audit log.

.NET Core · Angular · SQL · Azure · CQRS · xUnit · Generative AI · Cursor · Claude Code · Codex

### Full-Stack Developer

August 2024 - February 2025

Constructora Legado | Sector: Construction — based in Colombia ✓

LEVEL: Senior · TEAM LED: 5 people

**SCOPE** End-to-end design, consulting and technical follow-up on the client's own systems.

**KEY ACHIEVEMENTS** Set the data governance and architecture for a wearable device platform, and delivered the minimum viable product shown to investors.

.NET Core · ReactJS · Python · Snowflake · MongoDB · Azure · AWS · Databricks · Microservices · Serverless · Event Sourcing · TDD

### Full-Stack Developer, Data Analyst

July 2022 - June 2024

Endava | Sector: Insurance, Payments, Banking — based in England ✓

LEVEL: Senior

**SCOPE** Banking data migration from eight sources into Snowflake, and an anti-fraud module for online payments.

**WHAT I DID** Built the ingestion and validation for the migration, delivered in ten months, and shaped the anti-fraud architecture, delivered in eight months.

.NET Core · Angular · Python · Spark SQL · Snowflake · SQL Server · Azure Functions · Azure Data Factory · Databricks · CQRS · Apache JMeter

### Tech Lead · Scrum Master

April 2022 - May 2022

KIRU | Sector: Online Payments — based in Panama ✓

TEAM LED: 4 people

**SCOPE** Online payments platform, where API performance and the system architecture were the open questions.

**KEY ACHIEVEMENTS** Led API development and performance, ran Scrum ceremonies, and mentored the team on what to cover with unit tests.

.NET Core · ReactJS · Python · SQL · Azure · AWS · REST · xUnit · Scrum

## WORK LOCATIONS

- Colombia
- USA

## REFERENCES

### Sebastián Petrina

Development Manager at Endava  
Recommendation on [LinkedIn](#)

### Francisco Tabares

CEO at Celbit  
research@celbit.net  
Recommendation on [LinkedIn](#)

### Julián Galeano

General Manager at Constructora Legado  
juagaleanosa@unal.edu.co

## Full-Stack Developer

August 2021 - April 2022

**Arroyo Consulting | Sector: Insurance** — *based in USA* ✓

**LEVEL:** Senior

**SCOPE** New features and support for an insurance ERP built around risk calculation, with around 50,000 users.

**WHAT I DID** Built proofs of concept that informed the architecture decisions and met a 90% coverage standard across the whole system.

.NET Core · Angular · SQL · Elasticsearch · Azure · SonarQube · xUnit · REST · GraphQL

## Full-Stack Developer

February 2021 - July 2021

**MAS Global Consulting | Sector: Mechanical Engineering** — *based in USA* ✓

**LEVEL:** Mid-Senior

**SCOPE** Maintenance and new features for a web configurator where a manufacturer's electromechanical devices were assembled piece by piece.

**WHAT I DID** Improved API performance, optimized SQL and NoSQL queries, and met a 100% coverage standard across the whole system.

.NET Core · Angular · SQL · Azure · Azure DevOps · xUnit · REST · Jira

## Full-Stack Developer

September 2019 - January 2021

**Team International | Sector: Vehicle Logistics** — *based in USA* ✓

**LEVEL:** Mid-Senior · **ON-SITE:** Charlotte, North Carolina, USA (1 month)

**SCOPE** On-premise system coordinating truck traffic across US seaports, with a seven-station cycle per truck.

**WHAT I DID** Migrated the web client from ASP.NET Web Forms to Angular, keeping the same SOAP contracts with the legacy system.

.NET Core · Angular · ASP.NET Web Forms · SQL · Azure · SOAP · REST · Software Architecture Design

## Technical Consultant · Full-Stack Developer

June 2019 - August 2019

**Constructora Legado | Sector: Construction** — *based in Colombia* ✓

**LEVEL:** Senior · **TEAM LED:** 3 people

**SCOPE** End-to-end technical consulting, from design and delivery to new requirements for the client's own systems.

**KEY ACHIEVEMENTS** Delivered a document management web application designed end to end, and reviewed unit tests and code across the team.

.NET Core · Angular · SQL · MongoDB · Azure · Jenkins · xUnit

## Full-Stack Developer

January 2017 - May 2019

**Heinsohn Business Technology | Sector: Logistics, SAP** — *based in Colombia* ✓

**LEVEL:** Senior · **ON-SITE:** Tempe, Arizona, USA (6 months)

**SCOPE** Browser access to SAP Business One for Colombian clients, and a machine learning system that read 25 invoice formats.

**WHAT I DID** Recreated the SAP Business One interface in Angular, and built an OCR system that read scanned invoices and learned from corrections.

C# · .NET Core · Python · SAP Business One · SAP HANA · Angular · Amazon SageMaker · spaCy · Tesseract · OCR · scikit-learn · XGBoost

## Full-Stack Developer

August 2013 - May 2016

Heinsohn Business Technology | Sector: Logistics — *based in Colombia* ✓

LEVEL: Mid-Level

**SCOPE** Business intelligence for DHL's global air logistics operation, and document management for its billing operation.

**WHAT I DID** Built the ETL processes, modeled the data warehouse and its OLAP cubes, and designed the dashboards and reports on top.

C# · SQL Server · SSIS · SSAS · SSRS · SSDT · Dimensional Modeling · OLAP · TIBCO Spotfire · ASP.NET Web Forms · AngularJS · SOAP

## Full-Stack Developer

March 2013 - May 2013

Vidycom | Sector: IoT — *based in Colombia* ✓

LEVEL: Junior

**SCOPE** Maintenance of a web application connected over serial and USB to a network of parking devices.

**WHAT I DID** Fixed defects in the Web Forms interface and corrected the SQL Server data model.

ASP.NET Web Forms · .NET Framework · SQL Server · Oracle Database

## Full-Stack Developer

August 2011 - February 2013

Celbit | Sector: Biomedical — *based in Colombia* ✓

LEVEL: Junior

**SCOPE** Medical wearable hardware that needed software to read and operate it.

**WHAT I DID** Wrote the C++ firmware for the microcontrollers that acquired the sensor signals, and built the applications that operated the devices.

C++ · Texas Instruments MSP · Windows Forms · ASP.NET Web Forms · PHP · PostgreSQL · MySQL

## Information Technology Teacher

July 2010 - November 2011

Unitecnica | Sector: Education — *based in Colombia* ✓

**SCOPE** IT training at a technical education institute.

**WHAT I DID** Taught object-oriented programming fundamentals and basic data analysis.

C# · .NET Framework · Visual Studio · SQL

## TECHNICAL SKILLS

|                       |                                                                                                                                                                                                                                                                                                                               |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PROGRAMMING LANGUAGES | C# · C++ · Python · SQL · JavaScript · TypeScript · GraphQL · PHP · Visual Basic                                                                                                                                                                                                                                              |
| DATABASES             | SQL Server · Snowflake · Oracle Database · PostgreSQL · MySQL · MongoDB · Cosmos DB · DynamoDB · Elasticsearch · Redis · Azure SQL Database · SAP HANA                                                                                                                                                                        |
| FRAMEWORKS            | .NET Core · .NET Framework · ASP.NET MVC · ASP.NET Web Forms · Angular · AngularJS · ReactJS · Windows Forms · spaCy · SAP Business One                                                                                                                                                                                       |
| CLOUD & DEVOPS        | Azure · AWS · Docker · Azure Functions · Amazon S3 · Azure DevOps · Git · Gitflow · GitHub · GitLab · JSON · YAML · WebSockets                                                                                                                                                                                                |
| TESTING & CI          | xUnit · TDD · Jenkins · TeamCity · SonarQube · Apache JMeter · Postman                                                                                                                                                                                                                                                        |
| DATA & AI             | SSIS · SSAS · SSRS · SSDT · OLAP · Dimensional Modeling · Data Architecture · Data Analysis · Azure Data Factory · Databricks · Spark SQL · Power BI · TIBCO Spotfire · Apache Kafka · RabbitMQ · Azure Service Bus · Amazon SageMaker · pandas · scikit-learn · XGBoost · Tesseract · OCR · doccano · Ollama · Generative AI |
| ARCHITECTURE          | Software Architecture Design · Microservices · Serverless · REST · SOAP · CQRS · Event Sourcing                                                                                                                                                                                                                               |
| TOOLS                 | Visual Studio · Cursor · Claude Code · Codex · Jira                                                                                                                                                                                                                                                                           |
| METHODOLOGIES         | Agile · Scrum · Kanban                                                                                                                                                                                                                                                                                                        |