

# Best Technology Talent For Companies Around The World



## Carlos

Full Stack Engineer

### Summary

A Senior Software Engineer with 6+ years of experience, specializing in backend and full-stack development, with strong expertise in Ruby on Rails and Java (Spring Boot). He has worked across AI-driven platforms, fintech, e-commerce, and edtech domains, delivering scalable, high-performance systems. He has strong experience with microservices architecture, distributed systems, and REST APIs, and has worked with high-load systems. Enjoys creating high-quality, user-focused products and thrive in collaborative, cross-functional teams. Brings strong communication, positive energy, ownership, and interest in building relationships that support meaningful work.

#### TECHNICAL SKILLS:

- Ruby, Ruby on Rails, Java, Javascript, Typescript
- Spring Framework, Spring Boot, React, Angular
- SQL, PostgreSQL, MySQL, Clickhouse, Redis, MongoDB
- Microservices, RESTful APIs, Distributed systems, Software architecture
- RabbitMQ, Sidekiq
- AWS, GCP, CI/CD, Docker, Jenkins, GitHub Actions
- Sentry, Datadog, New Relic, Grafana
- RSpec, JUnit, LLMs, RAG, ETL, Data processing workflows

# Professional Career

## Senior Software Engineer

January 2024 – Present | Bogota, Colombia

### Project Info:

Enterprise data integration platform for AI-driven systems

### Responsibilities:

- Owned API integrations for Retrieval-Augmented Generation (RAG) pipelines, defining technical standards across teams that ensured solid architectural practices, scalability, and secure data flow
- Shipped a RESTful API-server data pipeline that transforms raw data feeds into actionable analytics, directly powering key product features required by current market demand
- Improved API reliability by modernizing a Ruby on Rails code base, implementing monitoring and alerts in Grafana, and automated test pipelines using RSpec

### Software and technologies:

Ruby on Rails, RAG, RSpec, Redis, MySQL, AWS

## Full Stack Developer/Technical Lead

September 2020 – January 2024 | Bogota, Colombia

### Project Info:

AI-powered professional English training platform

### Responsibilities:

- Led migration of time-based data from PostgreSQL to Clickhouse, designed plans to rewrite queries and update Ruby on Rails API endpoints, resulting in improvements in performance for student statistics reporting
- Defined technical strategy, code quality standards, and CI/CD processes, for a new core product feature that manages individually personalized learning paths for professionals in 200+ different careers and industries
- Scaled engineering team from 5 to 20+ members, creating onboarding frameworks and mentoring across skill levels and disciplines

### Software and technologies:

JavaScript, TypeScript, React, Ruby on Rails, PostgreSQL, AWS

## Senior Software Engineer

May 2019 – September 2020 | Bogota, Colombia

### Project Info:

Digital P2P payments solutions - Acquired by Visa

### Responsibilities:

- Operated Java Spring Boot microservices architecture for a regional mobile payments platform scaling millions of monthly transactions
- Built secure integrations with banks and card payment processors, letting users transfer funds instantly by selecting a contact on their phone
- Provided critical support during production releases, ensuring reliability of high-volume, low-latency systems

### Software and technologies:

Java, Spring, JavaScript, TypeScript, React, SQL, AWS

## Senior Software Engineer/Lead

February 2016 – January 2019 | Bogota, Colombia

### Project Info:

US airline's e-commerce mobile platform; education SaaS platforms

### Responsibilities:

- Directed cross-functional team for a US airline's e-commerce mobile platform, ensuring fault-tolerant backend design
- Standardized code reviews, CI/CD, and delivery protocols, aligning deliverables with client architecture standards
- Maintained direct communication with US-based stakeholders to translate technical requirements into scalable product roadmaps
- Developed backend infrastructure and microservices for education SaaS platforms connecting public and private institutions
- Implemented performance-tracking dashboards and monitoring systems to optimize uptime and efficiency

### Software and technologies:

Java, Spring, SQL, AWS

## Senior Software Engineer/Lead

April 2008 – February 2016 | Bogota, Colombia

### Project Info:

Learning Management System

### Responsibilities:

- Led end-to-end development of a nationwide Learning Management System (LMS) used by educational institutions across Colombia
- Participated in every SDLC stage—from requirements and development to QA and production deployment
- Delivered robust, extensible backend and frontend components, ensuring long-term system performance

### Software and technologies:

Java, Spring, MySQL, Hibernate

## Education

2004 – 2008

Universidad del Norte, Colombia

Bachelor's Degree in Systems Engineering

## Foreign Languages Skills

**English:** Upper-Intermediate

**Spanish:** Native