

Johnny Andres Moya Suarez

Software Engineer | Full Stack Developer | .NET, Spring Boot, Next.js, FastAPI, AWS

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Profile

Software Engineer with experience in full-stack development, backend systems, cloud infrastructure, database administration, and digital platforms. Skilled in building scalable applications using .NET, Spring Boot, Node.js, Next.js, React, FastAPI, PostgreSQL, and AWS services.

I have contributed to enterprise platforms, workflow automation systems, and cloud-based applications, with experience in API development, backend integrations, database design, execution monitoring, and secure file-processing solutions.

Passionate about software architecture, workflow automation, backend engineering, and building reliable, high-quality solutions that create real operational value.

Education

MS	Tech University , Blockchain Programming	Madrid, Spain Jan 2026 – present
	- Currently pursuing advanced studies in blockchain development and decentralized technologies. - Focused on smart contracts, distributed systems, and Web3 application architecture.	
ENG	Universidad de las Fuerzas Armadas ESPE , Software Engineering	Latacunga, Ecuador Oct 2017 – Aug 2022
	- Focused on software engineering, backend development, and database systems. - Participated in academic software development and research projects.	
BS	UE Guayaquil , Consumer Electronics	Ambato, Ecuador Sept 2012 – June 2016
	Built a strong technical foundation in electronics, computing, and applied technology.	

Experience

Proconty Solutions , Development Specialist	Quito, Ecuador Dec 2022 – May 2026 3 years 6 months
Worked on full-stack business solutions, performance optimization, and software architecture improvements across multiple projects.	
- Built and maintained full-stack business applications using .NET technologies. - Administered SQL Server and MySQL databases across multiple projects. - Improved application performance, maintainability, and system reliability. - Contributed to software architecture, optimization, and technical decision-making.	
Deloitte , External Service Provider / Full Stack Developer	Quito, Ecuador May 2023 – Apr 2026 3 years
Contributed to enterprise application development, backend integrations, and database management in business-driven environments.	
- Developed and maintained enterprise applications using .NET technologies. - Managed SQL Server databases and backend integrations for business systems. - Worked with Azure DevOps pipelines and agile delivery workflows. - Collaborated with multidisciplinary teams to deliver reliable software solutions.	

KICR DIGITAL, Backend Developer

Developed backend services and scalable APIs while managing cloud deployments and distributed data solutions.

- Developed backend services using Spring Boot, Kotlin, Java, and Node.js.
- Managed AWS infrastructure and cloud-based deployments.
- Administered MongoDB and DynamoDB databases.
- Built scalable APIs and backend platforms for enterprise solutions.

Quito, Ecuador
June 2022 – Oct 2024
2 years 5 months

Pelussa Distribuidora, Freelance Developer

Supported e-commerce operations through platform optimization, SEO improvements, and ongoing technical maintenance.

- Managed and optimized e-commerce platforms built with WordPress.
- Improved SEO performance and supported digital marketing initiatives.
- Maintained platform security, stability, and overall performance.

Coca, Ecuador
Mar 2021 – Mar 2024
3 years 1 month

Albornoz & Asociados, Freelance Developer

Maintained and improved WordPress-based business websites, hosting environments, and digital presence.

- Maintained and administered WordPress-based websites.
- Implemented SEO and digital marketing improvements.
- Managed hosting services, updates, and platform maintenance.

Ambato, Ecuador
Sept 2019 – Sept 2025
6 years 1 month

AlquimiaSoft, Trainee Developer

Supported web development, cloud data workflows, and digital content administration in an early-stage technical role.

- Developed websites using e-commerce CMS platforms.
- Managed Google Cloud-based data workflows.
- Supported multimedia content administration and digital operations.

Quito, Ecuador
Sept 2020 – Nov 2020
3 months

Projects

Lex Platform

Dec 2024 – May 2026

Scalable data processing and workflow automation platform focused on file-based operations, validation pipelines, and execution traceability.

- Engineered full-stack platform capabilities with Next.js, TypeScript, and React for workflow editing, execution, and monitoring.
- Developed FastAPI and Python services for data validation, transformation, and rule-based processing of business files.
- Designed and integrated workflow execution pipelines with phase-level logs, status tracking, and scheduled cron-based runs.
- Integrated PostgreSQL, Prisma, AWS S3, and Auth0 to support structured persistence, secure authentication, and file lifecycle management.
- Helped shape a modular architecture separating frontend orchestration from backend processing services to improve scalability and maintainability.

Lexmark Certificate Generation Platform

Mar 2023 – Oct 2024

Service management and certificate generation platform for Lexmark.

- Implemented backend services using Spring Boot and Java.
- Managed MongoDB databases and AWS infrastructure.
- Supported backend integration for certificate generation workflows.

Quito Metro Induction Ticketing Platform

June 2023 – Sept 2023

Ticketing and management platform for the Quito Metro induction phase.

- Developed backend services using Spring Boot and Kotlin.
- Implemented MongoDB-based persistence solutions.
- Integrated AWS cloud services for platform operations.

Investment Crowdfunding Platform

Jan 2021 – Aug 2021

Crowdfunding investment platform.

- Developed the platform using .NET Core and Angular 13.
- Designed and managed MySQL database structures.

Vaccination Control Mobile Application

June 2020 – Aug 2020

Mobile application for vaccination control management.

- Implemented REST APIs using Spring Boot and MySQL.
- Developed backend services and database integrations.

Augmented Reality Environment for OCD Support

May 2020 – Nov 2020

Augmented reality support environment for OCD treatment.

- Developed the solution using Unity and C#.
- Built interactive experiences to support treatment activities.

Publications

Ordering Algorithm as Support for Children with ADHD Through the Development of Bilingual and Interactive Videogames

Sept 2022

Johnny Andres Moya Suarez

https://doi.org/10.1007/978-3-031-17422-3_2 (International Conference on Computer and Communication Engineering (CCCE 2022))

Certifications

- AWS Certified Cloud Practitioner — Amazon Web Services (2024)
- Scrum Master Certificate — CertiProf (2021)
- Pearson Edexcel ESOL International Certificate B1 — Pearson (2023)

Skills

Programming Languages: Java, Kotlin, C#, TypeScript, JavaScript, Python, Go, Solidity

Backend Technologies: Spring Boot, .NET, Node.js, Django, FastAPI

Frontend Technologies: React, Next.js, Angular, React Native, Flutter

Databases: PostgreSQL, SQL Server, MySQL, MongoDB, DynamoDB, Oracle DB

Cloud & DevOps: AWS, Azure DevOps, Google Cloud, Docker

CMS & Tools: WordPress, Git, Unity, Hyperledger

Languages: Spanish (Native), English (B1 Intermediate)