



Breitner Enrique González Angarita

Head of Architecture & Development

Software Architecture · Cloud Native · DevSecOps · Production AI

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PROFESSIONAL SUMMARY

I am a software architect and technology leader with 15+ years of experience designing and delivering high-impact enterprise solutions. I currently lead the IFX Networks software factory (DevCenter) as Head of Architecture & Development, where I set the architecture, technical standards and technology roadmap for the development and automation teams. I specialize in cloud-native and multi-cloud architectures and in cutting-edge projects powered by artificial intelligence (generative AI, RAG and agents), applying DevSecOps practices to deliver scalable, secure systems aligned with business goals. I hold an M.Sc. in Information & Communication Sciences and I am pursuing an M.Sc. in Artificial Intelligence at Universidad de los Andes.

AREAS OF EXPERTISE

Generative AI, RAG & agents

Platform Engineering

Kubernetes & cloud native

Multi-cloud & infrastructure as code

DevSecOps

APIs, integration & events

Evolutionary architecture & DDD

Technical leadership & engineering governance

PROFESSIONAL EXPERIENCE

Head of Architecture & Development

Mar 2022 — Present

IFX Networks · Cloud Product Development

- Lead the DevCenter, the company's software factory, providing strategic direction and engineering governance to every development and automation team.
- Drive cutting-edge projects that bring artificial intelligence (generative AI, RAG and agents) into products and processes.
- Design enterprise cloud architectures aligned with business requirements, ensuring scalability, resilience and security.
- Drive the adoption of DevSecOps culture and best practices across the organization.
- Define platform standards, tooling and technology roadmaps for multi-cloud and hybrid environments.

Cloud Software Architect

Oct 2021 — Mar 2022

IFX Networks · Managed Cloud

- Led the technical and functional design of the software architecture for the Managed Cloud product suite.
- Established development standards and evaluated platforms and technologies (Kubernetes, FaaS, VMware, AWS, Azure, GCP) against functional and quality requirements.

Cloud Development Lead · DevOps Team Leader

May 2019 — Sep 2021

IFX Networks · Cloud Development

- Led the Cloud Development team and served as company-wide DevOps and DevSecOps coach.
- Implemented CI/CD pipelines with Azure DevOps and Jenkins and automated multi-cloud provisioning with Terraform and Ansible.
- Integrated API management (Mulesoft, Apigee, Azure API Management) and messaging brokers (RabbitMQ, MQTT) into the DevCloud platform.

Full Stack .NET Developer

Jan 2019 — May 2019

Stefanini · Digital Squad

- Built microservices and REST APIs following DDD principles in a digital transformation program on Azure (Service Fabric, API Management, Cosmos DB, Kubernetes).

.NET Technical Lead

Jun 2018 — Jan 2019

DB-System · Colombian Ministry of Finance and Public Credit

- Led the .NET team for the Inactive Accounts project within the Ministry's software factory (ASP.NET MVC, Azure DevOps/TFSS, SQL Server, Oracle 11g, WCF).

DB-System

- Designed and assessed innovation projects and functional prototypes with Angular, MongoDB, Swift, Ionic, Xamarin, ASP.NET Core, IBM Bluemix, Azure Service Fabric and Liferay, including DiBot, a virtual assistant built on Microsoft Bot Framework.
- Led .NET teams on web and geolocation projects using ArcGIS and AspMap.

Development Coordinator

Jul 2014 — Dec 2015

Fénix Móviles

- Coordinated the web and mobile development team (ASP.NET, SQL Server, Web API, Azure, Android, Swift, Xamarin) for clients such as the Ministry of Education and the Cundinamarca Health Department.

Early career

2010 — 2014

Freelance · OEUK · AIESEC

- Built custom platforms for indigenous organizations, health institutes and cooperatives; coordinated social technology projects for the Kankuamo people; served as Vice President of Information Management and Communications at AIESEC.

EDUCATION**M.Sc. in Artificial Intelligence**

In progress

Universidad de los Andes

M.Sc. in Information & Communication Sciences

2025

Universidad Distrital Francisco José de Caldas

Postgraduate Specialization in Software Engineering

2020

Universidad Distrital Francisco José de Caldas

B.Sc. in Systems Engineering

2017

Universidad Popular del Cesar · Professional license 20255-381804 CES

TECHNICAL SKILLS**Cloud & infrastructure**

Azure · AWS · GCP · Kubernetes · Docker · Terraform · Ansible · OpenFaaS · Serverless · VMware · Tanzu · Hyper-V

Architecture

Microservices · DDD · CQRS · Event-Driven · Clean Architecture · SOLID · GoF patterns · SOA

Backend

ASP.NET Core · Node.js · Java EE · Python (Django) · PHP (Laravel) · REST · WCF

Frontend & mobile

Angular · React · Vue.js · TypeScript · Ionic · Xamarin · Swift

Data

SQL Server · Oracle · PostgreSQL · MySQL · MongoDB · Cosmos DB

DevOps & integration

Azure DevOps · Jenkins · SonarQube · Mulesoft · Apigee · Azure API Management · RabbitMQ · MQTT

Methodologies

Scrum · Disciplined Agile Delivery · DevSecOps · TDD · BDD · Kanban

CERTIFICATIONS & COURSES

- Kubernetes Security Specialist (CKS) — Udemy
- Microservices Architecture — Udemy
- Serverless Framework Bootcamp: Node.js, AWS & Microservices — Udemy
- Scrum Fundamentals Certified (SFC) — SCRUMstudy
- Full Stack Developer & Hybrid Technologies — Fedesoft
- Microsoft 20480 · 20483 · 20486 — HTML5/JS, C#, ASP.NET MVC 5
- Red Hat Delivery Specialist — Mobile Application Platform

PUBLICATION

Information Technology Sector Behavior and Trends 2017 (in Spanish) · ISBN 978-958-59813-0-0

LANGUAGES

Spanish: native · English: advanced reading, intermediate writing and conversation