



EDUCATION

ITM, Medellín, Colombia
Technologist in Information Systems

BIG School
Master in AI Development — In progress

CERTIFICATIONS

Microsoft 70-480 — Programming in HTML5 with JavaScript and CSS3

CORE SKILLS

AI & Agents
LLMs, Azure OpenAI, OpenAI, Ollama, OpenRouter, RAG, Qdrant, LangChain, n8n

Cloud & Infrastructure
Azure, Docker, Tailscale, GitHub Actions, Azure DevOps, CI/CD

Backend & Frontend
.NET Core, C#, Python, React, TypeScript, Next.js, REST APIs

Databases
Azure SQL, SQL Server, PostgreSQL, MongoDB, Qdrant, pgvector

LANGUAGES

Spanish — Native
English — B2

DAVID BUITRAGO

AI Systems Engineer · LLM Integrations & Agentic Automation · Head of IT

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PROFESSIONAL PROFILE

AI Systems Engineer and software builder with over 10 years of experience designing and shipping production software, internal platforms, LLM integrations, RAG pipelines, and agentic automation. Currently Head of IT at Qualitas Funds, leading technology architecture, cloud infrastructure, and AI-powered tools for the investment management industry.

PROFESSIONAL EXPERIENCE

Qualitas Funds — Spain Mar 2021 – Present
Head of IT · Tech Lead

- Lead technology architecture across company applications, infrastructure, development workflows, and AI integration.
- Designed and deployed agentic automation with n8n, Azure OpenAI, and Azure SQL for financial workflows, onboarding, reporting, and operational processes.
- Implemented RAG pipelines with vector search and Azure OpenAI to reason over internal documentation and financial reports.
- Lead developers through mentoring, code review, architecture guidance, and technical standards.

Syntax Informática — Spain 2019 – Mar 2021
SharePoint Development Engineer

- Delivered custom SharePoint solutions and corporate intranet platforms for enterprise clients.
- Designed architectures for SharePoint customizations integrated with Microsoft 365, APIs, and legacy systems.
- Led technical delivery from requirements to deployment, aligning technology choices with business needs.

Intergrupo — Colombia Oct 2017 – Mar 2019
Software Development Engineer

- Designed and developed architectures for enterprise projects in the Microsoft ecosystem.
- Built React web applications with .NET backends and SQL Server data layers.

Conocimiento Corporativo — Colombia Mar 2014 – Oct 2017
Technical Lead · Digital Transformation Consultant

- Advised enterprise clients on Microsoft 365, SharePoint, and digital transformation strategy.
- Translated business requirements into architecture decisions and technical delivery plans.

SELECTED PROJECTS

ADSIS — AI-powered ad creative platform

B2B SaaS platform for digital marketers to research ICPs and generate AI-powered ad creative variants. Built end-to-end: architecture, backend, frontend, infrastructure, and CI/CD.
ASP.NET Core 9 · React · TypeScript · Supabase · Hangfire · OpenRouter · Perplexity · Docker

Agentic automation and RAG systems

Production workflows using n8n, Azure OpenAI, Azure SQL, vector databases, and LLM orchestration to automate complex financial and internal technology processes.
n8n · Azure OpenAI · Azure SQL · Qdrant · LLMs · RAG