

DAVID BUITRAGO

Senior Software Engineer | Backend Systems, Cloud & AI

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SUMMARY

Senior software engineer and tech lead with 10+ years of experience delivering production platforms, APIs, cloud infrastructure, data-intensive systems, and enterprise integrations. Experienced in end-to-end ownership, system design, code quality, mentoring, and translating complex operational requirements into maintainable software.

EXPERIENCE

Tech Lead

Qualitas Funds

• Madrid, Spain 📅 Mar 2021 – Present

- Own architecture and end-to-end delivery of internal platforms supporting onboarding, reporting, calculations, and investor-facing processes.
- Design backend services, REST APIs, data models, integrations, and cloud-based delivery workflows across .NET, SQL, Azure, Docker, and CI/CD.
- Reduced operational effort by an estimated 57%, releasing approximately 1,540 operational hours annually.
- Supported 2.3× operational scale without team growth through workflow automation and reusable internal platforms.
- Reduced Capital Accounts preparation from 10 to 4 working days and payment preparation from 20 to 7 minutes.
- Mentor developers through code reviews, architecture guidance, and pragmatic engineering practices.

SharePoint Development Engineer

Syntax Informática

• Madrid, Spain 📅 2019 – Mar 2021

- Delivered enterprise platforms integrated with Microsoft 365, REST APIs, and legacy systems.
- Led end-to-end technical delivery, from requirements gathering and solution architecture through implementation and deployment.

Software Development Engineer

Intergupo

• Colombia 📅 Oct 2017 – Mar 2019

- Designed and developed enterprise applications with React, .NET, and SQL Server.
- Contributed to architecture decisions, reusable components, and integration-focused backend services.

Technical Lead

Conocimiento Corporativo

• Colombia 📅 Mar 2014 – Oct 2017

- Translated business requirements into solution architecture and delivery plans for enterprise clients.
- Led Microsoft 365 and SharePoint solutions while coordinating technical execution and stakeholder communication.

SKILLS

Backend

Node.js TypeScript NestJS .NET Core
C# REST APIs SQL Data modelling

Frontend

React Next.js

Data & delivery

PostgreSQL Azure SQL SQL Server
MongoDB Docker CI/CD GitHub Actions
Azure DevOps

Engineering

System design Integrations Async workflows
Testing Observability Code reviews
Technical documentation

PROJECTS

ADSIS — B2B SaaS Platform

Built end to end: ASP.NET Core backend, React and TypeScript frontend, PostgreSQL data layer, asynchronous background processing, immutable credit ledger, Docker, and CI/CD.

Operations Workflow Automation

Designed workflow automation for reporting, onboarding, payments, and operational processes using N8N, Azure SQL, .NET Core, REST APIs, Docker, and Azure infrastructure.

EDUCATION

Master in AI Development

BIG School · In progress

Technologist in Information Systems

ITM, Medellín

CERTIFICATIONS

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

Microsoft

LANGUAGES

Spanish

Native



English

B2 / working proficiency



FIND ME ONLINE

GitHub

github.com/david-buitrago

LinkedIn

linkedin.com/in/david-buitrago