



## Daniel De Santiago

Blake01z

Full-Stack · AI · Architect

### CONTACT

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### AI & AUTOMATION STACK

#### LLM Frameworks:

LangChain · LangGraph · LlamaIndex

#### AI Agents:

Multi-agent · ReAct · Tool-use · MCP

#### Automation:

n8n · Edge Functions · Serverless

#### Vector DBs:

Pinecone · Chroma · pgvector

#### LLM APIs:

OpenAI · Anthropic Claude · Gemini

#### Cloud AI:

AWS Lambda · Vercel Edge · Cloudflare

### FRONTEND

React · Next.js · Vue 2/3 · Nuxt

TypeScript · Tailwind · Redux

Storybook · HTML · CSS

### BACKEND & CLOUD

Node.js · NestJS · Express · Python

AWS · Azure · GCP · Docker · Kafka

MongoDB · PostgreSQL · MySQL · Redis

### LANGUAGES

#### Spanish

Native

#### English

Intermediate professional (B1-B2)

### CERTIFICATIONS

· AWS Solutions Architect – Associate

· Microsoft Azure AZ-900

· MongoDB for Developers

· MongoDB for DBAs

· AWS Cloud Practitioner

### EDUCATION

#### M.Sc. Artificial Intelligence

UNAM · 2020 – 2022

#### B.Eng. Computer Engineering

UNAM · 2017 – 2020

# DANIEL DE SANTIAGO CORREA

Senior Full-Stack Engineer · AI Agent Builder · Cloud Architect

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## PROFESSIONAL PROFILE

Senior Full-Stack Engineer with **7+ years leading high-scale products from architecture to production** across enterprise retail, automotive, and financial systems.

Deep focus on **AI-powered systems: multi-agent architectures (LangGraph + MCP)**, LLM pipelines with RAG, and intelligent automation with n8n. I've embedded AI as a core engineering methodology in real enterprise teams — not just as tooling, but as a new way of building.

I operate across three high-value roles: **Tech Lead · Solutions Architect · Senior Developer** — bringing technical depth, client-facing communication, and the ability to scale teams toward modern, AI-integrated engineering practices.

**🏆 7+ years experience · 5+ enterprise projects led · 1M+ digital assets managed · AWS SA Certified**

## TECHNICAL SKILLS

**Frontend:** React · Next.js · Vue 2/3 · Nuxt · TypeScript · Tailwind CSS · Redux · Storybook

**Backend:** Node.js · Express · NestJS · Python · Django · GraphQL · REST APIs

**AI & LLMs:** LangChain · LangGraph · MCP · n8n · OpenAI · Anthropic Claude · Gemini · LlamaIndex

**AI Agents:** Multi-agent systems · ReAct · Tool-use · RAG Pipelines · Prompt Engineering

**Vector DBs:** Pinecone · Chroma · pgvector

**Cloud:** AWS (Lambda · S3 · EC2) · Azure (Blob Storage) · GCP · Vercel · Cloudflare Workers

**DevOps:** Docker · Kafka · GitHub Actions · CI/CD · Cypress · Jest · Webpack

**Databases:** MongoDB · PostgreSQL · MySQL · Redis · Oracle

## PROFESSIONAL EXPERIENCE

### Tech Lead & Senior Full-Stack Developer

Sep 2023 – Present

**Hiberus Tecnología** · Madrid, Spain

- ▶ Led 5+ simultaneous enterprise projects with full ownership of architecture, delivery, and client relationships — for Spain's largest retail group and a top European bank.
- ▶ Architected a Digital Asset Management (DAM) platform: NestJS microservices + Azure Blob Storage handling 1M+ digital assets, Kafka message queuing, and AI-powered image-retouching endpoints consumed across all brand properties.
- ▶ Delivered a critical endpoint migration to node-red, building a unified Germany-Spain API gateway that streamlined cross-border banking integrations between legacy and modern systems.
- ▶ Led development of the corporate component library (Storybook), standardizing the design system adopted by all engineering teams across the group.
- ▶ Championed AI adoption: built specialized LangGraph + MCP agents with project-specific context, skills, and tools — accelerating delivery and reducing repetitive engineering work.
- ▶ Designed and presented cloud architecture proposals to enterprise clients;

ensured adherence through active technical oversight.

- ▶ Conducted senior technical interviews and delivered structured feedback, contributing to team growth.

*Stack: React · Next.js · Vue 2/3 · TypeScript · Node.js · NestJS · MongoDB · PostgreSQL · Azure · Kafka · Storybook · LangGraph · MCP*

### **Senior Full-Stack Developer & Solutions Architect** *Jan 2021 – Jul 2023*

**Nissan Motor** · Mexico / United States

- ▶ Built high-traffic web applications with React, Next.js and Vue.js; implemented SSR for SEO and performance at global scale.
- ▶ Designed scalable cloud infrastructure and CI/CD pipelines for applications with thousands of concurrent users.
- ▶ Acted as Solutions Architect on internal innovation projects, defining technology stack and architecture patterns.

*Stack: React · Next.js · Vue.js · TypeScript · Python · Node.js · AWS · CI/CD · Figma*

### **Solutions Architect**

*Feb 2020 – May 2021*

**PROSA – Interbank Clearinghouse** · Mexico

- ▶ Designed end-to-end solutions for high-availability interbank transaction processing at one of Mexico's largest financial clearinghouses.
- ▶ Analyzed scripts, databases, and process flows; built technical diagrams ensuring robust, high-availability implementations.

*Stack: C · C++ · Java · MySQL · Oracle · Base24*

### **Full-Stack Developer**

*Feb 2018 – Jan 2020*

**Chamber of Deputies of Mexico** · Mexico

- ▶ Developed and maintained large-scale institutional applications delivering new features under Agile/Scrum methodology.

*Stack: React.js · Python · JavaScript · HTML · CSS*

## **AI & AUTOMATION PROJECTS**

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**Multi-agent systems (LangGraph + MCP)** — Orchestrated specialized AI agents with persistent memory, tooling, and context management in production.

**RAG Pipelines (LangChain + Pinecone / pgvector)** — Retrieval-Augmented Generation architectures for enterprise knowledge bases with semantic retrieval.

**Intelligent Automation (n8n + Serverless)** — Serverless workflows integrating OpenAI and Anthropic Claude APIs with external business systems and CRMs.