

DAVID CARBAJOSA TESORO

Technical Director | Senior Cloud Architect | DevOps and Platform Engineering Lead

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PROFESSIONAL SUMMARY

- **25+ years** as DevOps Technical Director and Senior Cloud Architect delivering enterprise transformations at HSBC, Barclays, Citibank, and Lloyds
- **DevOps strategist:** Practitioner of The Three Ways — now researching "The Fourth Way: Human-AI Augmentation" for elite teams
- **Transformation leader:** 8 products from waterfall to agile, reporting to Digital CIOs, building platforms that remove cognitive load
- **Team builder:** Led elite performing teams of 3-30 engineers | **International:** UK, Spain, Denmark, South Africa, US
- **TOGAF 9 Certified** | **Dual British/Spanish nationality** | **MSc Theoretical Physics**

Key Achievements: 98.6% faster provisioning | 99.4% cycle time reduction | 0% release failure rate | 94% release time reduction | 16M+ metric series globally | 8 products transformed

CORE COMPETENCIES

Cloud & Infrastructure	DevOps & Platform Engineering	Leadership & Strategy
AWS, GCP, GKE, EKS, Terraform	Kubernetes, OpenShift, Istio, GitOps	Team Leadership (3-30 engineers)
Multi-cloud, Observability (Grafana, Mimir, Splunk, Datadog)	CI/CD, The Three Ways, IaC	TOGAF, Stakeholder Management
Programming: Rust, Python, Go, Java, TypeScript Expanding Into: AI/ML, RAG Pipelines, LLM Integration		

PROFESSIONAL EXPERIENCE

Founder & Principal Consultant @ Dalimaray SL | Madrid | Jun 2022 - Present

Providing IT services to enterprise clients. Researching "The Fourth Way: Human-AI Augmentation" using Generative AI agents.

- **Blueprinting cost-effective AI systems** with PhD Professor from NLP&IR research group @ UNED University
- **Evaluating AI architectures:** RAG, caching, human-centric feedback, LLM vs SLM, AI observability

Lead DevOps Engineer / Platform Lead @ Citibank | Remote | Jul 2022 - Oct 2025 | via Juxt/Dalimaray

Led platform stream (3 engineers) for Area51 Datafabric serving Equities and Risk applications with extreme latency requirements.

- **Built global observability platform** processing 16M+ active metric series with 1M+ ingestions/second
- **Led containerization migration** to OpenShift private cloud; directed cross-datacenter migration with zero BAU disruption
- **Implemented DevOps practices:** IaC, cybersecurity, vulnerabilities management, CI/CD adoption

Technical Director / Managing Principal @ HSBC | London | Jan 2020 - Jun 2022 | via Capco

Directed DevOps Digital Transformation for Global Private Banking, reporting to Digital CIO. Led "The Platform" team (15-30 engineers).

- **Blueprinted GPB DevOps strategy** sponsored by Digital CIO; Final Technical Authority for DevOps Platform ecosystem

- **Architected DevOps platform from scratch** applying Software Evolutionary Architecture principles
- **Onboarded 8 products** from waterfall to agile: 0% release failure rate, 98.6% provisioning reduction (5 months → 2 days), 99.4% cycle time reduction (1 week → 1 hour), 94% release time reduction (4 hours → 16 mins)
- **Led cloud migration** using Kubernetes and Istio; integrated SAST, DAST, and test automation for Bank compliance

GCP Architect @ Lloyds | Senior DevOps Lead @ Capco | DevOps Specialist @ Lloyds | London | 2018 - 2019

- **Lloyds (GCP Architect):** DevSecOps for Digital Cyber Security; Binary Authorization, container attestation, compliance architecture
- **Capco:** Architected DevOps strategies for Capco Digital; audited CD practices for Tier-1 bank transformation programme
- **Lloyds (DevOps Specialist):** SDLC orchestration, infrastructure automation, shift-left quality practices

Principal Architect & Technical Programme Lead @ Barclays | London | Mar 2016 - Jan 2018

Led BCI DevOps transformation programme driving adoption across Barclays Corporate.

- **Design Authority** of Core Engineering team (15-25 members); created Continuous Delivery Framework (CDF) adopted across Barclays
- **Technical Lead for "Primera" platform:** SDLC governance, Vault integration, automated pipelines
- **Led cloud migration** to AWS and OpenShift; implemented Blue-Green deployments and end-to-end SDLC automation

Earlier Career | 1998 - 2016

Infosys, Aubay, Unisys | *Clients: Sainsbury's, TNT, BUPA, MTN South Africa, Alcatel Lucent, CEPESA*

Solution Architect and Technical Consultant delivering Continuous Delivery frameworks, hybrid cloud solutions, enterprise systems with SAP integrations, and Green IT assessments across 4 countries.

CERTIFICATIONS & EDUCATION

IBM RAG and Agentic AI (2025)	Deep Learning Specialization (2025)	Generative AI Strategic Leader (2025)
TOGAF 9 Certified	AWS Solutions Architect (2017-2020)	MSc Theoretical Physics - UAM Madrid

Languages: English (Fluent), Spanish (Native) | **Nationalities:** British & Spanish (dual citizenship)

PUBLICATIONS

- "Delivering DevOps at Scale in Financial Services" (Contributor) | 2022

Comprehensive version available upon request.