ANGEL CERVERA CLAUDIO

Hands-on CTO / Technology Director

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EXECUTIVE PROFILE

Hands-on Chief Technology Officer and Technology Director with 29+ years of experience building scalable software systems, defining technology strategy, and leading engineering teams.

Combines executive-level technology leadership with practical delivery across architecture, cloud platforms, data systems, software engineering, and operations. Helps growing companies align technology with business priorities and build reliable delivery organizations without overengineering.

SELECTED RELEVANT EXPERIENCE

Director of Technology (CTO de facto) · **Zengate Global** 01/2025 – 07/2026

- Transformed a fragmented group of developers working in silos into a cohesive engineering team with shared objectives, clear ownership, and effective knowledge transfer.
- Led 10 engineers distributed across Brazil, Canada, the United States, France, Ireland, Bulgaria, and Japan, hiring five members of the team.
- Established repeatable engineering processes covering planning, delivery, deployment, production maintenance, and continuous improvement.
- Hands-on participation and mentoring throughout the full SDLC.

Senior Consultant / Data Architect · **Bank of Ireland** 04/2024 – 10/2024

- Acted as a bridge between Architecture and Data Engineering teams to ensure seamless collaboration.
- Conducted migration and modernization analysis, transitioning from legacy on-premise Cloudera to Cloudera on AWS.

Hands-on Chief Technology Officer · **TCG Land** 08/2023 – 01/2024

Built Mexico and Latin America's first TCG marketplace from the ground up:

- Designed a fully serverless, elastic architecture to optimize performance and minimize costs.
- Built data pipelines to extract card prices, details of new releases, notifications, and manage delivery workflows.
- Implemented a fully static website distributed via CDN, ensuring high performance, availability, and cost efficiency.

Senior Consultant / Solution Architect · **Optum** 10/2022 – 09/2023

- Mentored a new team in developing proofs of concept (PoCs) and exploratory spikes using various technologies and design approaches.
- Designed, implemented, and guided a solution to normalize and standardize data from hundreds of formats into a common schema within Snowflake, initially using big data technologies such as Spark and Scala, and later transitioning to event-driven, cloud-native technologies like Azure Functions and Event Grid.

Senior Data / Solution Architect · **Optum** 11/2021 – 05/2022

- Implemented best practices and Software Development Life Cycle (SDLC) standards.
- Reduced FTE requirements in data processing by developing a generic framework and processes in Spark.
- Architected, designed, and developed a metadata-driven ingestion framework, from Proof of Concept (PoC) to production.

CORE SKILLS

Technology Strategy & Alignment

Technical vision, roadmaps, prioritization, product-engineering alignment, and stakeholder management.

Engineering Leadership

Hiring, mentoring, distributed teams, ownership, delivery management, and continuous improvement.

Architecture & Governance

Scalable systems, cloud-native platforms, standards, quality, performance, observability, security, and technical debt.

Cloud & Operations

Google Cloud, AWS, Azure, FinOps, managed databases, high availability, backup, and recovery.

LEADERSHIP SNAPSHOT

29+ years

Technology experience

10 engineers

Across seven countries

5 hires

For the Zengate team

Hands-on

Strategy through delivery

SELECTED EXPERIENCE - CONTINUED

Senior Software Engineer · **Dun and Bradstreet** 12/2020 – 10/2021

- Decoupled data pipelines using AWS services to enhance modularity and scalability.
- Implemented pipelines for Snowflake.

Solution Architect · **Swiss Re** 05/2020 – 11/2020

- Designed and implemented a Hub-Router for SWIFT messages, leveraging Function-as-a-Service (FaaS) and event-driven architecture.
- Delivered a proof of concept for enriching Spark data through microservices.

Senior Software Engineer · **Dun and Bradstreet** 04/2018 – 03/2020

- Built a Big Data lake that collected data from a heterogeneous set of providers, normalized it into a consistent format, and exposed it through a unified data platform using Hadoop, Java, and Cascading.
- Migrated a Cloudera platform from on-premises to the AWS ecosystem, leveraging services such as EMR, HBase, EC2, and AWS Lambda.

Senior Software Engineer · **Dun and Bradstreet** 10/2015 – 09/2017

- Designed and implemented offline indexing of the full D&B dataset using Spark and Scala.
- Developed a REST API for a near real-time search engine using Java, Spring Boot, and Elasticsearch, deployed on AWS.

Senior Software Engineer · **EMC** 03/2015 – 10/2015

- Built monitoring software for an international Big Data platform, collecting system and business metrics across ingestion and analysis.

Senior Software Engineer · **EMC** 03/2014 – 02/2015

- Built a microservices-based ingestion platform using Spring Integration and RabbitMQ to collect and analyze large volumes of heterogeneous data.

Hands-on CTO / Co-founder · **elocalia** 07/2013 – 01/2014

- Led the development of a technology platform for a new real estate company, based on Big Data, data mining, and GIS, to automate premises searches and calculate ideal locations for new businesses using market-sector, demographic, sociological, and public-survey data. Evaluated a wide range of Big Data and data-mining tools from a geospatial-data perspective.

EDUCATION

Computer Systems Technical Engineering Studies

Universidad de Extremadura, Spain. Coursework completed; capstone project pending.

LANGUAGES

English

Professional working proficiency; working professionally in English since 2014.

Spanish

Native proficiency.

CERTIFICATION & TRAINING

Google Cloud Certified - Professional Cloud Architect

Google Cloud

Modernizing Data Lakes and Data Warehouses with Google Cloud

Coursera

Building Batch Data Pipelines on Google Cloud

Coursera