

Jano Camacho Vicente

SYSTEMS ENGINEER · DATA & CLOUD ARCHITECT

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PROFESSIONAL PROFILE

Systems Engineer with 10+ years of experience architecting cloud-native data platforms, specialized in Data Architecture and Data Engineering. Currently leading a team of Solutions and Data Architects, delivering scalable, secure Lakehouse platforms on AWS, GCP, Databricks and Snowflake for leading clients in financial services, telecommunications and retail. Certified across AWS, GCP, Databricks and Snowflake, with deep expertise in Data Governance (DAMA), Cloud, Lakehouse architectures and AI/ML solutions. Recognized as an AWS Community Builder, driving innovation and operational excellence across every engagement.

CORE COMPETENCIES

Cloud Platforms	AWS · Google Cloud Platform · Databricks · Snowflake
Data Platforms	Snowflake · Databricks (Unity Catalog, Delta Lake, Delta Live Tables) · Amazon Redshift · Athena · BigQuery
Big Data & Orchestration	Apache Spark / PySpark · Apache Airflow (MWAA, Astronomer) · Apache Hudi · Apache NiFi · Hadoop, Hive, Hue · Amazon EMR · AWS Glue
Architecture & Governance	Lakehouse and Landing Zone design · Data Governance (DAMA) · Cataloging, lineage and data quality · Security, IAM and access control · Serverless and event-driven architectures (SDLF)
AI / ML	Agent platforms and RAG pipelines · NLP and semantic search · AWS Comprehend (sentiment, intent, entity extraction)
Languages & DevOps	Python · SQL · TypeScript · Bash · Git, GitHub, Bitbucket · GitHub Actions, Jenkins, CI/CD · Docker, ECS, EKS, Fargate · CloudFormation, CDK
Databases	PostgreSQL · MySQL · SQL Server · Oracle · MongoDB · Cassandra · DynamoDB · Redis · Elasticsearch
Visualization	Tableau · Power BI · Amazon QuickSight · Amplitude · Redash
Leadership	Team leadership · Stakeholder management · Effective communication · Critical thinking · Ownership and accountability

PROFESSIONAL EXPERIENCE

STRATA ANALYTICS

June 2023 – Present

Data Engineer / Cloud Architect — Lima, Peru

Managed Analytics Services provider delivering Big Data, Advanced Analytics and Business Intelligence solutions to enterprise clients.

- Lead a multidisciplinary team of Solutions and Data Architects designing scalable and secure cloud solutions.
- Define and implement cloud data architectures aligned with enterprise data strategy, applying DAMA-based Data Governance: cataloging, lineage, security, access control and data quality.
- Engage directly with clients in the telecommunications, financial and retail sectors, leading end-to-end implementations of modern cloud data platforms.
- Design and deliver AI/ML solutions for enterprise clients, including speech-analytics platforms with sentiment, intent and entity extraction plus RAG-powered query resolution, and ML-based resume screening systems using semantic NLP techniques.
- Develop an AI Observability framework to monitor, trace and evaluate LLM-based agent and AI/ML solutions in production, improving reliability, performance visibility and issue detection across AI initiatives.

SELECTED PROJECTS

OCDM

- Designed the Landing Zone and Lakehouse architecture on AWS, migrated on-premises sources into AWS and Snowflake with Apache Airflow orchestration, and built a unified Agent Platform consumed by clients and external apps.

- Impact: +40% ingestion throughput, –30% processing latency, –25% operational overhead.

Cloud Migration & Training

- Migrated on-premises infrastructure to a secure, highly available AWS environment, built a federated Lakehouse integrated with Active Directory for user access, and delivered cloud training workshops for the client IT team.
- Impact: –50% infrastructure TCO, 60% faster time-to-deploy for new data pipelines, 50+ IT staff upskilled.

SAP on AWS Lakehouse

- Designed and deployed an AWS-based Lakehouse for real-time SAP data ingestion and ETL, enabling analytics for production, quality and supply chain teams at a world-class Mexican agrofood company (TIF, HACCP, FSSC 22000 certified).
- Impact: –70% latency in SAP reporting, –30% ETL cost, +25% data accuracy.

Tech: AWS (S3, Glue, Lambda, Step Functions, SDF, EKS, EventBridge, SNS/SQS, KMS, Secrets Manager, CloudWatch, CodeCommit/Build/Pipeline, VPC & Transit Gateway, WAF, Shield, Network Firewall, GuardDuty, Inspector, Macie, ROSA, CDK) · Snowflake (SnowSQL, Snowpark, Snowpipe, Stages, Tasks, RBAC) · Databricks (Unity Catalog, Delta Lake, Delta Live Tables, Databricks SQL, PySpark) · Azure AD · Apache Airflow, Spark, Hudi · Git, GitHub, TypeScript, Bash

TRIPADVISOR

September 2022 – June 2023

Senior Data Engineer — Lima, Peru

Global online travel platform offering user-generated reviews, travel booking and comparison tools.

- Led the design, development and optimization of modern data architectures supporting strategic analytics and decision-making.
- Migrated legacy on-premises pipelines (Hive/Spark) to a hybrid Lakehouse architecture on AWS Data Services and Snowflake under Project Tahoe, improving data accessibility and performance.
- Defined scalable ingestion and transformation workflows with metadata-driven processing and secure access patterns, ensuring data consistency, security and governance compliance.
- Built reusable pipeline templates that reduced development time and enforced architectural consistency.
- Impact: –40% data processing time post-migration, +25% data quality score across pipelines, near real-time data availability for business users and analysts.

Tech: AWS (EC2, S3, Lambda, CloudFormation, CDK) · Snowflake (SnowSQL, Snowpark, Snowpipe, Tasks, RBAC) · Databricks (Unity Catalog, Delta Lake, Delta Live Tables, Databricks SQL, PySpark) · Apache Airflow, Spark, Hudi · PostgreSQL, Git, GitHub, TypeScript, Bash

ZEBRANDS

December 2021 – September 2022

Senior Data Engineer — Lima, Peru

Group of retail brands (Luuna, Nooz, Mappa, Ergo, Nubed, Homeware, Quilty, among others) focused on rest, home and comfort products.

- Led a multidisciplinary team of Solutions Architects and Data Engineers/Architects designing scalable and secure cloud solutions.
- Led data management for the Big Data and Advanced Analytics platform end to end: requirements gathering, solution design and production rollout.
- Modeled and implemented a new data lake and data warehouse, with ingestion, cleansing and processing systems consolidating large datasets.
- Designed AWS cloud architecture for data pipeline execution and built batch, micro-batch and real-time ETL processes with AWS Glue, Python, Apache Airflow and Lambda under serverless architectures.
- Implemented web scraping to extract partner data (Liverpool, Elektra, Amazon, Sears, Coppel, Palacio de Hierro, City Club) and scheduled/monitored execution through Airflow DAGs.
- Delivered new visualizations and self-service capabilities for the Business Intelligence area, plus CI/CD pipelines, containerization and orchestration best practices across the development lifecycle.

Wholesale

- Consolidated sell-in, sell-out and clean revenue metrics across all brands, partners and sales models, giving the company a unified view of sales performance by period.

Tech: AWS (S3, EC2, ECR, ECS, Fargate, Glue — Data Catalog, Jobs & Crawlers, EMR, Lambda, EventBridge, Step Functions, MWAA/Airflow, Redshift, Athena, CloudFormation, IAM) · Apache Spark, Apache Airflow · Python, Pandas, Selenium, SQL, PostgreSQL · Git, GitHub, GitHub Actions

RAPPI

August 2021 – December 2021

Senior Data Engineer — Lima, Peru

Multi-vertical on-demand delivery platform operating across Latin America.

- Designed a scalable AWS architecture for ingesting and processing large volumes of data from Snowflake and Rakam, leveraging parallel processing to deliver personalized product lists per user faster.
- Modeled large datasets and built ingestion, cleansing and processing systems feeding predictive and prescriptive models for the restaurant section of the Rappi app.
- Built ETL processes with AWS Glue, Python, Apache Airflow and Snowflake, orchestrating EMR steps and scheduling/monitoring DAGs in Airflow.
- Developed and unit-tested Python scripts writing Parquet/CSV/TXT data to S3 data lakes with Apache Spark, and implemented process alerting in Opsgenie.
- Delivered analysis and dashboards in Amplitude and queries over Snowflake and Rakam for user behavior insights.

Tech: AWS (S3, EC2, ECR, Glue & Data Catalog, Crawlers, EMR, IAM, CloudFormation) · Snowflake, Rakam · Apache Spark, Apache Airflow, Astronomer · Python, Pandas, Bash · Amplitude, Redash, Periscope, Lupe, Opsgenie, Kibana, Jenkins, Jupyter Hub, Git, Bitbucket

BELCORP

September 2020 – September 2021

Senior Data Engineer — Lima, Peru

Peruvian beauty and cosmetics company operating in 16 countries across the Americas.

Risk ePayment

- Designed and implemented an AWS architecture to ingest and process payment data from external providers (Mercado Pago, CyberSource) and internal databases, using Lambda, EMR, ECS/ECR, Glue, S3, SNS, CloudWatch and EventBridge.
- Deployed an analytical model that detects payment anomalies in real time across Belcorp's digital assets, preventing potential fraud during processing, and surfaced results in Tableau dashboards.

Digital Data

- Built a hybrid multi-cloud architecture (AWS + GCP) to extract, ingest, store, process and visualize Google Analytics data on the company's digital assets, with data modeling in Redshift and BigQuery extraction.
- Migrated Apache NiFi processes to Apache Airflow, orchestrated EMR step execution, and delivered auto-refreshing Tableau dashboards on user digital behavior.

Tech: AWS (Lambda, API Gateway, CloudWatch, EventBridge, SNS/SQS, ECS, ECR, EC2, S3, IAM, Kinesis Data Streams, DynamoDB, EMR, Glue & Data Catalog, Redshift, CloudFormation) · GCP (BigQuery, Cloud Storage, IAM, Google Analytics) · Apache Spark, Airflow, NiFi, Hadoop, Hive, Hue · Python, PySpark, Scala, Bash · Tableau, Jenkins, Git, GitHub, PostgreSQL

INCONCERT PERÚ SAC

August 2017 – September 2020

Data Engineer — Lima, Peru

Uruguayan provider of cloud software for contact centers, marketing, sales and customer experience.

- Analyzed, developed and supervised Big Data projects for contact centers across LATAM clients including Bancolombia, BBVA Paraguay, DIAN Colombia, Banco Atlas, SAT Mexico, Antel, Sura and Ferreyros.
- Built ETL pipelines in Python and Apache Airflow to extract data from NoSQL sources (Cassandra, MongoDB, Elasticsearch, Redis) into SQL Server and Redshift, and automated batch loads to FTP and S3 with Shell and Python.
- Developed Lambda functions and REST APIs on API Gateway for on-demand consumption, plus Python/Spark scripts writing Parquet, CSV and TXT data into S3 data lakes.
- Delivered NLU chatbot projects for DIAN Colombia and BBVA Paraguay using Microsoft LUIS and Apache Cassandra, ingesting conversation data into the data lake and running sentiment analysis with AWS Comprehend to measure channel service quality.
- Provisioned and managed cloud and virtualized servers (Debian/Ubuntu, FTP, SSH), implemented CI/CD with Jenkins and GitHub, and built reporting in Power BI and Tableau.

Tech: AWS (Redshift, Athena, Aurora, Fargate, ECS, ECR, EC2, S3, Lambda, Glue, CloudWatch, API Gateway, IAM, SNS/SQS/SES, ELB/ALB, ASG, Kinesis Data Streams & Firehose, CloudFormation, Comprehend) · GCP (BigQuery, Cloud Storage, IAM) · MongoDB, Cassandra, Redis, Elasticsearch, SQL Server, Oracle, MySQL · Python, Java, Spark, Airflow, NiFi, Bash · Power BI, Tableau, Jenkins, VMware, Linux

Data Analyst — Lima, Peru

Largest bank in Peru; role focused on IT solutions for the Legal Division.

- Designed and implemented IT solutions for efficient information management across the Legal Division's internal processes, reducing operational cost and manual tasks.
- Acted as DBA for the division's database server and user management, and optimized the internal SAD application, including custom WPF reports (C#, VB.NET), stress testing and backup automation.
- Extracted, cleansed, processed and visualized data from multiple sources to generate insights for decision-making.

Tech: C#, VB.NET, SQL, Oracle, Python, Bash · Windows Server 2008 R2, Linux (Ubuntu)

CERTIFICATIONS

CERTIFICATION	ISSUER	DATE
Data Architecture (graduate program)	UTEC	Sep 2025 – Feb 2026
Databricks Certified Data Analyst Associate	Databricks	Sep 2025
Databricks Certified Data Engineer Associate	Databricks	May 2025
Databricks Fundamentals	Databricks	Mar 2025
AWS Certified AI Practitioner	Amazon Web Services	Sep 2024
AWS Certified Data Engineer – Associate	Amazon Web Services	Jun 2024
Associate Cloud Engineer	Google Cloud	May 2024
AWS Certified Solutions Architect – Associate	Amazon Web Services	Jan 2024
Cloud Digital Leader	Google Cloud	Nov 2023
AWS Certified Data Analytics – Specialty	Amazon Web Services	Aug 2023
SnowPro Core	Snowflake	Apr 2023
Business Intelligence Foundation Professional	Certiprof	Dec 2022
Databricks Lakehouse Fundamentals	Databricks	Jul 2022
DAG Authoring for Apache Airflow	Astronomer	Oct 2021
Apache Airflow Fundamentals	Astronomer	Sep 2021
AWS Certified Cloud Practitioner	Amazon Web Services	Aug 2021
Lifelong Learning	Certiprof	Aug 2020
Scrum Foundation Professional – SFPC	Certiprof	Jun 2020

EDUCATION

PROGRAM	INSTITUTION	DATE
Systems Engineering — Bachelor's degree	Universidad Nacional del Callao	2007 – 2011
Project Management: Stakeholder Management & Project Preparation	Universidad Adolfo Ibáñez – Business School	2017
Advanced English	Asociación Cultural Peruano Británica	2021
.NET Application Developer (C#, Visual Studio) · Ethical Hacking	Cibertec	2011 – 2015

Continuing education: Generative AI Applications (Big Data IoT Cloud, 2024) · AWS Cloud Practitioner, Data Analytics & Machine Learning (Certimas, 2023) · Snowflake Hands-On Essentials — Data Engineering, Data Lake, Data Sharing, Data Applications, Data Warehouse (2023) · Data Engineer Nanodegree (Udacity, 2021) · Big Data Specialist & Apache Spark Developer (Datahack, 2021) · Data Architect, Cloud Data Engineer & DataOps on AWS (Big Data IoT Cloud, 2021) · Data Engineer on GCP, Spark & PySpark (Data Platform, 2022) · Big Data Architect & Engineer Professional, Cloud AWS Big Data Analytics (Big Data Academy, 2020) · Google Cloud Engineer Associate (Uniti Academy, 2021) · Intermediate Python & Tableau (DataCamp, 2021–2023)

COMMUNITY, PUBLICATIONS & WORKSHOPS

AWS Community Builder — Data & Analytics

ARTICLES PUBLISHED ON MEDIUM

- Set up a free development environment within AWS Cloud9
- Configuring a Snowflake Storage Integration with Amazon S3
- Unleashing the Boundless Power of AWS EC2: Empowering Airflow and Beyond

WORKSHOPS DELIVERED

- AWS Glue — Prueba de concepto
- Apache Airflow — Instalación con Astronomer y Docker
- Apache Airflow — Primeros pasos y arquitectura

LANGUAGES

Spanish	Native — advanced writing, reading and speaking
English	Advanced writing and reading · Upper-intermediate speaking