

Alessandro Colace

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EXPERIENCE

COALESCE (FOR REPLY, TIL) | CLOUD DATA & AI ARCHITECT

Jun 2022 – Present | Milan, Italy

- Led cross-functional teams (4–8 members) as a Solution Architect to ensure 100% on-time delivery, focusing on technical leadership and high-value project execution.
- Architected highly scalable, multi-cloud data platforms (GCP, Azure) for operational data use cases and analytics, resulting in a 70% reduction in GCP costs (saving €500K+/year).
- Designed and implemented the Enterprise Master Data Model and the Unified Customer View (~8M customers), consolidating data from multiple sources to ensure data consistency.
- Established an enterprise Data Governance framework, integrating Data Catalog and dbt for automated Data Quality (DQ) checks, improving accuracy and consistency KQIs by ~30%.
- Guided stakeholders on cloud selection and data modeling solutions, specifically applying Domain-Driven Design principles to data warehouse development (BigQuery).

ZENKIS (SHOES MANUFACTURING) | OPERATIONS MANAGER

Jan 2020 – May 2022 | Kyiv, Ukraine

- Ran end-to-end operations (Sales, HR, Marketing, Production, Procurement, R&D) of a 50+ employee shoes manufacturer.
- Executed a full turnaround strategy: from €10K/month losses to profitability within 12 months through Lean Manufacturing, waste reduction, and process optimization.

DATA REPLY | SENIOR BIG DATA ARCHITECT

Jan 2017 – Dec 2019 | Bologna, Italy

- Secured and developed new clients, generating over €1M/year, demonstrating strong technical sales and business development capabilities.
- Led two 10-member teams (Data Viz and Data Eng) to implement data ingestion, processing and storage within Cloudera Hadoop ecosystem.
- Prepared and presented compelling solutions and KPI dashboards (Tableau) to C-levels, acting as a technical converter and unifying siloed departments for streamlined decisions.

ICONCONSULTING | BUSINESS INTELLIGENCE CONSULTANT

Oct 2015 – Dec 2016 | Casalecchio di Reno (BO), Italy

- Implemented a proactive alerting system for Big Data Analytics within a Tier-1 telco context, as part of a high-impact Master's thesis, leveraging Oracle BI Foundation Suite and Tableau.
- Enhanced and maintained a Location Intelligence framework using MongoDB, Angular, Leaflet, Kafka, and Node.

MULTIPLE COMPANIES | SWE & IT OPERATIONS ROLES

Oct 2009 – Sep 2015 | Bologna & Ferrara, Italy

Held full-time and part-time roles during studies, including: Java Developer, System Administrator, Web Developer, and E-commerce Specialist.

SITECH SRL (FOR NTT DATA) | .NET DEVELOPER

Sep 2008 – Sep 2009 | Bologna, Italy

Hired by my former CS teacher to join his company after having exposed a breach in my school's IT system that drew national media attention.*

EDUCATION

UNIVERSITY OF BOLOGNA

MASTER'S DEGREE IN COMPUTER ENGINEERING

Jan 2014 - Jun 2016 | Bologna, Italy

Graduated with honors – GPA: 4.0 / 4.0

Academic Course Tutor

UNIVERSITY OF BOLOGNA

BACHELOR'S DEGREE IN COMPUTER ENGINEERING

Oct 2009 - Jun 2013 | Bologna, Italy

ITIS BELLUZZI (BOLOGNA)

INFORMATICS INDUSTRIAL ENGINEER

Sep 2003 - Jun 2008 | Bologna, Italy

Top-ranked student awarded internship at the Province of Bologna (local govt office)

SKILLS

DATA ARCHITECTURE

Data Governance • Domain-Driven Design
Enterprise Data Modeling • Data Quality
dbt • BigQuery • Palantir • Snowflake
Azure Data Factory • Databricks • Purview
Airflow • Spark • Dataflow • Kafka • HBase

BI & ANALYTICS

Tableau • Power BI • Looker • OBIEE

DEVOPS

Git • Jenkins • Terraform • Docker

LANGUAGES

Italian (Native) • English (C1, IELTS 2018 – expired; Fluent) • Russian (Limited)

ACTIVE CERTIFICATIONS

GOOGLE CLOUD

Machine Learning Engineer (PMLE)

Cloud DevOps Engineer (PCDOE)

Cloud Network Engineer (PCNE)

Cloud Database Engineer (PCDE)

TABLEAU

Tableau Desktop Specialist (TDS-C01)

6SIGMASTUDY

Six Sigma Yellow Belt (SSYB)

AWARDS

H-ACK TRAVEL 1st PLACE

Apr 2014 @ H-FARM | Roncade (TV), Italy

Won 1st place at the Lastminute.com (formerly Bravofly)-sponsored hackathon by designing and pitching PLAY-n-PLANE, an innovative app for group travel planning.

*Available to provide more details on request.