Alessandro Colace

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EXPERIENCE

COALESCE (FOR REPLY, TIL) | Cloud Data & AI Architect
Jun 2022 – Present | Milan, Italy
- Acted as Solution Architect and technical lead for cross-functional data teams (4–8 members), guiding customers on their cloud journey and ensuring 100% on-time project delivery.
- Designed and implemented Generative AI solutions on Google Cloud (e.g., RAG with LLMs) to automate content creation and enhance data discovery, boosting business efficiency.
- Architected scalable, cloud-native Data & GenAI platforms (BigQuery, Dataflow, dbt, Vertex AI), achieving a 70% reduction in GCP costs (€500K+/year).
- Partnered with C-level stakeholders to develop a Unified Customer View (~8M customers) and AI-driven dashboards, fostering data-driven decision-making and business intelligence.
- Established a GDPR-compliant Data Governance framework using Data Catalog and dbt, improving data quality, accuracy, and timeliness KQIs by ~30%.

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
- Drove business development by securing and growing a new enterprise retail client, generating over €1M/year in revenue through technical pre-sales and solution design.
- 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.

ICONSULTING | Business Intelligence Consultant
Oct 2015 – Dec 2016 | Casalecchio di Reno (BO), Italy
- Implemented Big Data Analytics and a proactive alerting system in a Tier-1 telco environment, leveraging Tableau and web technologies, as part of a high-impact Master's thesis.
- 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 & AI STACK
dbt • BigQuery • Palantir • Snowflake
Azure Data Factory • Databricks • Purview
Airflow • Spark • Dataflow • Kafka • HBase
Cloudera Hive/Impala • ChromaDB • RAG

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.