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), ensuring 100% on-time delivery using Agile and Scrum methodologies.
- Architected scalable, cloud-based analytics platforms integrating BigQuery, Dataflow, dbt, and Looker, resulting in a 70% reduction in GCP costs (saving €500K+/year) and improving data quality.
- Designed and presented AI/ML-driven dashboards and data products demonstrating business value, directly supporting customer adoption and change-management initiatives.
- Partnered with senior stakeholders to develop a Unified Customer View (~8M customers) and dashboarding experiences, fostering data-driven decision-making and business intelligence.
- Established GDPR-compliant Data Governance framework, integrating Data Catalog and dbt for automated Data Quality checks, improving accuracy, consistency, 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
- Secured and developed a new retail client, 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.

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 ● Oracle DWH ● SSIS

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.