Alessandro Colace

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EXPERIENCE

COALESCE | Freelance Cloud Data Architect
Jun 2022 – Present | Milan, IT
- Led and mentored data teams of 4 to 8 people at top consultancies (main: Go Reply, Cluster Reply, The Information Lab, Nimbus Intelligence), implementing Scrum to achieve 100% on-time delivery for 3 major projects, eliminating prior missed deadlines.
- Developed scalable and cost-efficient cloud data platforms, improving data pipelines and storage strategies; achieved a 70% cost reduction saving €500K+ annually via BigQuery and Dataflow optimizations.
- Partnered with senior stakeholders to design a Unified Customer View (UCV) for ~8M customers and a complex ARPU model, integrating diverse revenue and promotions streams.
- 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 | Operations Manager
Jan 2020 – May 2022 | Kyiv, UA
- 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, IT
- Secured a new retail client from scratch generating €1M+/year for Reply Holding (€2B+ in revenue, 15k+ employees) through self-built networks and personally sourced 5+ consultants via university and online networks, thereby driving Reply's new Bologna office.
- Led 2 teams of ~10 people each (Data Viz and Integration + Data Eng).
- Collaborated with C-levels to build Tableau KPI dashboards for Unipol, unifying siloed departments for enhanced visibility and streamlined decisions.

ICONSULTING | Business Intelligence Consultant
Oct 2015 – Dec 2016 | Casalecchio di Reno (BO), IT
- Implemented a proactive alerting system for Big Data Analytics within a Tier-1 telco context, as part of a high-impact Master's thesis.
- Contributed to the Location Intelligence framework and built customized BI solutions.

UNIMATICA | Java Developer
Jul 2013 – Dec 2013 | Bologna, IT
Developed an application for Digital Signature of electronic orders.

PENSKECARS STAREMILIA | System Administrator
Sep 2011 – Feb 2012 (part-time) | Casalecchio di Reno (BO) + Ferrara, IT
Managed provisioning, installation, and maintenance of IT systems.

SITECH SISTEMI INFORMATICI | .NET Developer
Sep 2008 – Sep 2009 | Bologna, IT
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, IT
Cum. GPA: 4.0 / 4.0
Academic Course Tutor

UNIVERSITY OF BOLOGNA
Bachelor's Degree in Computer Engineering
Nov 2009 - Jun 2013 | Bologna, IT
Worked concurrently as e-commerce manager, webmaster, and system administrator during studies.

ITIS BELLUZZI (BOLOGNA)
Informatics Industrial Engineer
Sep 2003 - Jun 2008 | Bologna, IT
Top-ranked student awarded internship at the Province of Bologna (local government office)

SKILLS

PROGRAMMING
SQL • Python • Java • C# • C • JavaScript • Bash • Shell • VBA • XSLT • Scala • Groovy

BIG DATA STACK
Airflow • dbt • Spark • Dataflow • Kafka • Cloudera Hive • Impala • HBase • BigQuery • Data Catalog • Databricks • Azure Data Factory • Purview • Snowflake

BI & ANALYTICS
Tableau • Power BI • Looker • OBIEE

DEVOPS
Git/GitHub/GitLab • Jenkins • Terraform • Docker • Kubernetes

LANGUAGES
Italian (Native) • English (C1 - IELTS 2018, expired) • Russian (Limited)

ACTIVE CERTIFICATIONS

GOOGLE CLOUD
Professional Machine Learning Engineer
Professional Cloud Network Engineer
Professional Cloud DevOps Engineer
Professional Cloud Database Engineer

TABLEAU
Tableau Desktop Specialist

Available to provide more details on request.