

# 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 | SHOES MANUFACTURING 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.

### ICONCONSULTING | 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 • Hive • Impala • HBase • BigQuery • Data Catalog • Great Expectations • 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.