

# Alessandro Colace

@ ale@colace.me 📍 Milan, IT 📞 +39 3495157235 in colace 🗺 dokson 🏠 colace.me C COalesCE

## EXPERIENCE

### COALESCE (FOR REPLY, TIL) | DATA ARCHITECT (CONTRACTOR) Jun 2022 – Present | Milan, IT

- Led data teams of 4 to 8 people, implementing Scrum to achieve 100% on-time delivery for 3 major projects, eliminating missed deadlines.
- Developed scalable and cost-efficient cloud data platforms, improving data pipelines and storage strategies; achieved a 70% cost reduction on Google Cloud Platform (GCP) saving €500K+ annually.
- 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) | 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 establishing Reply's new Bologna office.
- Led 2 teams of ~10 people each (Data Viz and Integration + Data Eng).
- Implemented data solutions within Cloudera Hadoop ecosystems, managing complex data ingestion, processing and storage.
- 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, leveraging Oracle BI Foundation Suite and Tableau.
- Enhanced and maintained a Location Intelligence framework using MongoDB, Angular, Leaflet, Kafka, and Node.

### UNIMATICA SPA | JAVA DEVELOPER Jul 2013 – Dec 2013 | Bologna, IT

Built backend components for digital signature workflows in the public sector using JavaEE, Oracle PL/SQL, and XML/XSLT.

### SITECH SRL (FOR NTT DATA) | .NET DEVELOPER Sep 2008 – Sep 2009 | Bologna, IT

Built enterprise applications using ASP.NET MVC (C#), SQL stored procedures in MSSQL Server, and Crystal Reports dashboards.

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 Cum. GPA: 3.8 / 4.0 Also worked as e-commerce manager, webmaster, and sysadmin 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

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

### 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 Professional Machine Learning Engineer Professional Cloud Network Engineer Professional Cloud DevOps Engineer Professional Cloud Database Engineer

### TABLEAU Tableau Desktop Specialist

## AWARDS

### H-ACK TRAVEL 1<sup>st</sup> PLACE Apr 2014 @ H-FARM | Roncade (TV), IT Our PLAY-n-PLANE app for group travel itineraries won the hackathon for Bravofly. \*Available to provide more details on request.