

Alessandro Colace

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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

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

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 1st 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.