

Simone Benitozzi

Milan, Italy – 23/11/1999

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EXPERIENCE

Red Reply

AI & Data Consultant

Nov 2023 - now, Milan, IT

- Developed **AI and Data solutions**, working on ETL pipelines and cloud architectures with **Oracle, Python, and Kubernetes**.
- Gained **direct client experience**, frequently working **onsite** to gather requirements, implement solutions, and ensure delivery.
- Transitioned from **Cloud Data Engineering** to AI-driven projects, integrating **machine learning** into data automation processes.
- Took on **mentorship and leadership** responsibilities within the team, contributing to knowledge sharing and project guidance.
- Collaborated with **international Reply teams** as part of the **General AI CoP**, engaging in cutting-edge AI initiatives across Europe.
- Recognized as a **top-3 performer** in the company, receiving a **rating of 8.33/10** in my first-year appraisal.
- Earned multiple **AI and Data certifications** and joined **soft skills courses** to improve communication, leadership, and teamwork.

PROJECTS

ETL System Migration to Kubernetes

- Migrated an **ETL system** to Python for a major Italian insurance client, leading the backend development and improving efficiency.
- Built an API interface using **Python (Flask)** and containerized it with Docker, deploying the solution on **Oracle Kubernetes Engine (OKE)** for scalability and cost optimization.
- The project was later adopted as a **custom ETL module**, which my company began offering to other clients as an internal solution.

Smart Timestamping System: From Badges to Mobile

- Led the development of a **mobile-based timestamping system**, replacing badge-based tracking.
- Integrated **GPS** and **NFC** for accurate check-ins, using Python, Oracle DB, and AWS S3 APIs.
- Mentored a team of three throughout the project.
- System is now in production, used by 4,000 people in Italy.

Reply General AI Community of Practice (CoP)

- Active member of Reply's **General AI CoP**, collaborating with an international team across Europe.
- Focused on **AI agents** as a key trend for 2025, exploring automation and human-AI interaction.
- Contributed to developing forward-thinking AI solutions for market applications.

Advanced Churn Prediction: A Customer-Centric Approach

- Developed an advanced **churn prediction algorithm** for a leading Italian car insurance company using XGBoost.
- Designed a dual-level analysis for churn prediction at both **policy** and customer levels.
- Solution outperformed the existing model and was adopted in production.

SUMMARY

Computer Science Masters graduate with a strong focus on **Cloud, Data, and AI**. A **self-learner** passionate about solving complex problems and mastering new technologies. After graduating in **Milan**, I joined **Reply**, Italy's largest tech consultancy, as a **Cloud Data Consultant** through their **Excellence Path**, a program for top academic achievers. Since then, I have worked on **data engineering, cloud solutions, and AI-driven automation**, constantly expanding my expertise across modern **data stacks**.

SKILLS

Back-End	Python, Flask
A.I.	Pytorch, TensorFlow
Cloud	OCI, AWS
DevOps	Docker, Kubernetes, Git
DBMS	Oracle, MySQL
OS	Linux(Oracle/RedHat)
Soft Skills	Teamwork, Leadership, Time Management

EDUCATION

University of Milan-Bicocca

Master of Science - Computer Science (AI)
110 with Honors (GPA: 4.0/4.0)

University of Salerno

Bachelor of Science - Computer Science
110 with Honors (GPA: 4.0/4.0)

CERTIFICATES

- **OCI Generative AI - Oracle**
- **Oracle AI Foundations - Oracle**
- **OCI Data Science - Oracle**
- **Oracle Analytics Cloud - Oracle**
- **Introduction to Machine Learning - Duke University**

LANGUAGES

- Italian (Native)
- English (Fluent)
- Polish (Conversational)