Yanglesh Jaiswal

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Summary

Results-driven Data and Analytics professional with a strong foundation in business strategy, data engineering, and technology-enabled process optimization. Demonstrated expertise in ETL development, financial reporting, data modeling, and technical documentation, enabling informed decision-making and operational excellence. Skilled in collaborating with cross-functional teams, optimizing end-to-end workflows, and delivering scalable, high-impact analytical solutions in multinational environments. Adept at translating complex business requirements into robust technical implementations that drive growth, efficiency, and competitive advantage.

WORK EXPERIENCE

Publicis Sapient (3 years)   *2022-2025, Bengaluru, India*
Data Engineer / Associate Technology L2

- Developed and deployed automated scripts for a unified batch handler, streamlining data movement across **Silver**, **Refined**, and **Gold** layers within **Snowflake**, resulting in improved **maintainability** and **standardization**.
- Built an automated **ETL testing framework** leveraging **Copilot**, reducing manual testing time by nearly **60%** and enhancing **data accuracy**; later adopted **organization-wide** as a standard validation approach.
- Conducted comprehensive **data quality validations** using a unified framework to ensure **accuracy**, **consistency**, and **reliability** of analytical outputs across environments.
- Worked on a **loan application orchestration system** that automates the end-to-end application process, reducing **human dependency by 30%**.

Netcamp Solutions Pvt. Ltd.   *2022, Kolkata, India*
Software Engineering Intern

- Contributed to the design and development of an **email communication system** implementing **SMTP** and **POP** protocols for efficient and secure message handling.

PROJECTS

Vendor Sales and Inventory Analytics   *Link*

- Designed and implemented an end-to-end **business analytics solution** to assess liquor sales and inventory performance across multiple vendors and brands, resulting in a **13% increase in sales**.
- Utilized **Python** for data filtering, transformation, and process automation, incorporating **log tracking** and **exception handling** to ensure high data accuracy and reliability.
- Developed optimized **SQL queries** and robust **data pipelines** to support large-scale analytical workloads and improve processing efficiency.
- Created an **interactive dashboard** to visualize key business metrics, uncovering insights related to high-sales/low-margin and low-sales/high-margin product categories.
- Enabled **data-driven decision-making** for pricing strategies, discount planning, and inventory optimization through actionable analytical outputs.

Hospitality Management System Dashboard   *Link*

- Developed a **Power BI dashboard** to monitor and analyze booking data across hotels in multiple Indian cities.
- Implemented **data cleaning**, **filtering**, and **KPI metrics** (**ADR**, **Occupancy%**, **Revenue**) for actionable insights.
- Delivered management insights to optimize occupancy, pricing, and performance.

Banking Sector Performance Dashboard   *Link*

- Designed a multi-page **Power BI dashboard** leveraging **SQL** for data modeling and analysis of banking sector performance.
- Consolidated large datasets on **deposits**, **borrowings**, and **foreign reserves**, enabling comparative trend analysis, also applied **DAX-based metrics** and transformations for consistent reporting.

EDUCATION

Università degli Studi di Palermo, Italy   *2025 – Present, Palermo, Italy*
Master's in Management Engineering

National Institute of Technology Rourkela   *2018 – 2022, Rourkela, India*
Bachelor of Technology in Computer Science and Engineering

Skills Overview & Languages

- **Programming:** Python, R, Java, C++
- **Data Analytics:** PySpark, Databricks, Orange, Snowflake, Airflow, Kafka, Microsoft Excel (VBA, Macros, Pivot Tables)
- **Databases & OS:** MySQL, PostgreSQL, Linux, Windows, macOS, Data Warehousing
- **Cloud Platforms:** Azure, AWS, Google BigQuery, Azure Data Factory, Azure Data Lake
- **Frameworks & Tools:** Power BI, Hadoop, Git, Jupyter, Jira, Rally, Confluence, Microsoft PowerPoint, MS Office
- **AI & Automation:** Quadratic, N8N, GitHub Copilot
- **Soft Skills:** Agile Methodology, Scrum Ceremonies, Critical Thinking, Problem Solving, Communication
- **Languages:** English, Italian, Hindi, Nepali