

Payal Kumari Jangid

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Professional Summary

Results-oriented Data Engineer with hands-on experience in designing, building, and maintaining scalable data pipelines and infrastructure. Proficient in Python, SQL, cloud platforms, and data engineering tools. Skilled in managing databases, performing data transformation, and ensuring data quality and integrity. Passionate about enabling data-driven decision-making through robust and efficient data systems.

Skills

Programming: Python, SQL, Shell Scripting

Data Technologies: Pandas, NumPy, Apache Airflow, DBT

Databases: PostgreSQL, MySQL, MongoDB

Cloud Platforms: AWS (S3, RDS), Google Cloud (BigQuery)

Big Data: Spark (Basic), Kafka (Familiar)

Visualization: Power BI, Tableau (Basic), Excel

Tools: Git, Jupyter, Google Colab, VS Code, PgAdmin4

Soft Skills: Problem Solving, Communication, Teamwork

Experience

Data Engineer Trainee – AU Ignite Academy

Jaipur | April 2025 – Present

- Designed and maintained scalable ETL pipelines to ingest and process data from internal systems and APIs.
- Performed data cleaning, transformation, and loading using Python and SQL.
- Managed PostgreSQL databases and ensured data accuracy and integrity.
- Developed Power BI dashboards to visualize operational and customer insights.
- Collaborated with data science and analytics teams to model data and improve accessibility.
- Monitored data quality and implemented validation rules to ensure reliability.
- Contributed to optimizing data workflows for scalability and efficiency.

Education

M.Sc. in Information Technology – University of Rajasthan (Pursuing)

Relevant Courses: Data Structures, DBMS, Machine Learning, Web Technologies, Cloud Computing

B.Sc. in Science – University of Rajasthan

Subjects: Mathematics, Physics, Chemistry

Certifications

- Basics of Python – Geekster
- Spoken Tutorial – IIT Bombay
- HR Workshop – Tareeqa Global Solution Pvt. Ltd.
- RS-CIT – Rajasthan State Certificate in IT

Achievements & Awards

- Recognized by Balika Shiksha Foundation, Rajasthan