Manan Mehra

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EDUCATION

Thapar Institute of Engineering and Technology   2021 - 2025
B.E. in Computer Engineering   *CGPA: 8.60*

Salwan Public School(CBSE)   2020 - 2021
Senior Secondary   *Percentage: 92.2%*

EXPERIENCE

ZS Associates   July 2025 - Present
Business Technology Solution Associate   Gurugram, Haryana

- Working on the integration workstream for pharmaceutical client projects, ensuring seamless data flow between client systems and the ZAIDYN platform.
- Designing and developing robust ETL pipelines to ingest, transform, and load large volumes of healthcare and sales data using AWS Glue and S3.
- Implementing and maintaining Apache Airflow DAGs for scheduling and monitoring end-to-end data workflows in production.

ZS Associates   January 2025 - June 2025
Business Technology Solution Associate Intern   Gurugram, Haryana

- Worked on an implementation project for a pharmaceutical client, setting up the ZAIDYN platform as per their specific business requirements.
- Configured Alignment and Roster modules in ZAIDYN to optimize field force deployment and territory planning.
- Conducted in-depth data analysis on client datasets to uncover key patterns and deliver actionable insights for strategic decision-making.
- Developed and maintained ETL workflows and analysis scripts using AWS Glue, S3, and Apache Airflow to automate data processing and reporting, reducing manual effort by 60% through custom validation scripts.
- Executed the implementation in three structured phases:- Staging, User Acceptance Testing (UAT), and Production to ensure quality delivery and minimize risk.

PROJECTS

- **Chatterlytics**
  - Parsed chat data, performed sentiment and statistical analysis, and visualized results with line/bar charts and word clouds.
  - Built with a user-friendly Streamlit UI and customizable analysis settings.

  Technologies: Python, Streamlit, Pandas, Matplotlib

- **E-commerce Business Analysis with SQL Queries**
  - Preprocessed and visualized sales data to uncover patterns in customer behavior and product performance.
  - Created dashboards and charts using Pandas, Seaborn, and Matplotlib.

  Technologies: Python, SQL, Matplotlib, Seaborn, Pandas, Jupyter Notebook

SKILLS

Programming Languages: C++, Python, Javascript
Web Development: HTML, CSS, Javascript, Node.js, MongoDB, React.js, Express.js, Taiwind CSS
Data Analysis : Microsoft Excel, Python, SQL, AWS Glue, AWS S3, Apache Airflow
Other Skills: Git/Github, VSCode, Jupyter Notebook, Firebase, Postman
Relevant Coursework: Data Structures and Algorithms, Object-Oriented Programming, Database Management System, Operating System, Software Engineering, Machine Learning, Deep Learning

POSITIONS OF RESPONSIBILITY

Executive Committee Member   Jan 2024 - March 2024
URJA, TIET

- Enhanced team website for improved functionality and user experience as a key member of the executive committee in the technical department.
- Managed more than 200 students from different colleges within the hospitality department, delivering impactful results through collaborative efforts and showcasing adaptability in team environments.