

PRATEEK JHA

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OBJECTIVE

Results-driven Data Engineer with 7 years of experience, having built and maintained over 250+ scalable data pipelines across cloud and on-prem environments, enabling reliable analytics, reporting, and ML workflows through robust ETL, orchestration, and automation practices.

EDUCATION

B.Tech, Computer Science and Engineering, ITER, SoA University, Bhubaneswar
GPA: 8.01 / 10

Oct 2014 - May 2018

TECHNICAL SKILLS

Programming Languages	Python, Pyspark, SQL, Airflow, Shellscript (For ETL)
Cloud	Azure (Azure Data Factory, Azure Databricks, Delta Live Tables, KeyVaults)
Database	Snowflake, Microsoft SQL Server, MySQL (For data warehouse)
Visualization	Microsoft Power BI, Tableau

EXPERIENCE

Data Engineer Jan 2023 - Current
UnitedHealth Group *New Delhi*

- Engineered robust ETL pipelines using Snowflake, PySpark, ADF, ADLS Gen2, and SQL, ensuring 100% data integrity via CI/CD and enabling scalable MLOps workflows with Airflow.
- Standardized data for 50 U.S. Care Delivery Organizations, enhancing interoperability and enabling unified reporting in a fully functional data warehouse.
- Prototyped a POC using Llama-2 (13B) generative AI to auto-clean unstructured data, boosting quality by 30%, reducing prep time by 25%, increasing insights by 40%, and strengthening long-term expertise in generative AI.
- Built a Python-based zero-touch automation framework saving 2+ hrs/day, with a Snowflake-driven Tableau dashboard for real-time monitoring via auto-logged metadata.

Business Intelligence Developer Sep 2021 - Dec 2022
Hemmersbach India Pvt Ltd *Bangalore, Karnataka*

- Designed Power BI models with star schema, delivering 100% accurate, client-specific reporting.
- Orchestrated ETL pipelines using SSIS, Python, T-SQL, and shell scripts, achieving 99% sync accuracy across sources for enterprise data warehousing.
- Led BI system rollout in APAC, enabling 15 team members to onboard quickly as the region's sole SPOC.

Senior Engineer Mar 2021 - Sep 2021
Mindtree *Hyderabad, Telangana*

- Resolved Power BI issues for EMEA clients with 95% root-cause accuracy within SLA timelines.
- Communicated 20+ active product issues, aligning customer expectations with Microsoft's roadmap.

Associate Analyst Jul 2018 - Mar 2021
Jade Global Software Pvt Ltd *Pune, Maharashtra*

- Developed and deployed 150+ data engineering packages processing 15M+ rows weekly, ensuring robust pipeline performance.
- Delivered 50+ Power BI reports tracking critical KPIs for clients and stakeholders, enhancing strategic decision-making.

ACHIEVEMENTS

- Received the "BRAVO!" award for leading data standardization across multiple Care Delivery Organizations, integrating disparate sources into a unified, accurate repository.
- Honored with a second "BRAVO!" award for developing a Python-based process control framework enabling stakeholder-defined scheduling with zero manual intervention.
- Delivered high-impact ETL pipelines using SSIS in the first project, earning the "SPOT Award" for outstanding performance in data integration.