

Data Engineer with 2+ years of experience designing and optimizing scalable ETL pipelines using Azure Data Factory, Databricks, and PySpark. Proficient in SQL, Python, and Big Data technologies with a track record of success in improving data quality, automating workflows, and enhancing performance. Focused on transforming complex datasets into meaningful insights that power strategic business decisions.

EXPERIENCE

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| <b>9thPixel Technologies India Pvt.Ltd</b>   | <b>03/2021 - 06/2023</b> |
| Data Engineer  | Hyderabad, India         |
| <ul style="list-style-type: none"><li>Designed and implemented scalable ETL pipelines in Azure Data Factory (ADF), automating data integration across multiple sources and improving data consistency, reducing manual data handling by 20%.</li><li>Accelerated data processing speeds by 35% by optimizing ADF activities, including copy, lookup, and metadata processes, and integrating stored procedures, ensuring reliable data flow.</li><li>Developed reusable, parameterized ADF pipelines for scalable workflows, cutting future development time by 40%.</li><li>Built PySpark transformations in Databricks to streamline large data processing and accelerate BI reporting.</li><li>Collaborated with stakeholders to deliver real-time analytics solutions, driving a 5% increase in revenue by supporting data-driven decision-making.</li><li>Spearheaded the migration of legacy data systems to Azure Synapse, resulting in a 25% improvement in query performance for downstream analytics teams.</li><li>Engineered logging and error-handling in ADF pipelines, improving monitoring and cutting resolution time by 50%.</li><li>Led team training on PySpark and Azure best practices, boosting productivity and maintainability.</li></ul> |                          |

PROJECTS

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| <b>Lending Club Loan Data Pipeline</b>   PySpark, Spark SQL, Pandas, Databricks Community Edition   Personal Project   | <b>Git Hub</b> |
| <ul style="list-style-type: none"><li>Implemented a PySpark-based data cleaning and transformation module within the Databricks ETL pipeline, improving data quality scores by 40% and enabling more accurate risk assessments.</li><li>Optimized PySpark workflows for data cleaning, transformation, and performance tuning, reducing processing time by 30%.</li><li>Automated data processing workflows to ensure efficient handling of large-scale datasets.</li><li>Established a standardized data validation process, reducing data-related errors by 15% and improving overall data integrity.</li><li>Modularized Databricks notebooks for reusable code across stages, improving workflow efficiency.</li></ul> |                |

TECHNICAL SKILLS

- Big Data & ETL Tools:** Databricks, Apache Spark (RDD, DataFrame, Spark SQL), Apache Hadoop (HDFS), Snowflake, Apache Airflow (Basic), Azure Data Factory
- Cloud Platforms:** Microsoft Azure (ADF, Databricks, Synapse, Blob Storage), Familiar with AWS equivalents (S3, EC2, Glue, Lambda)
- Programming & Scripting:** Python (Pandas, NumPy, PySpark), SQL (Advanced), T-SQL
- Data Modeling & Warehousing:** Dimensional Modeling, Star Schema, Snowflake Schema, Azure Synapse, Snowflake (Familiar)
- Data Pipelines & Integration:** ETL/ELT workflows using ADF, PySpark, SQL; Real-time and batch processing
- CI/CD & Version Control:** Git, GitHub, GitHub Actions (Basic), Azure DevOps (Basic), SDLC Understanding
- Databases:** MySQL, SQL Server, Azure SQL Database
- Data Visualization:** Power BI (Basic), Looker (Familiar), MS Excel (Advanced)
- Web Development (Basic):** HTML, CSS, JavaScript

EDUCATION

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|--|--------------------------|
| <b>Florida Atlantic University</b>                                   | <b>10/2023 - 05/2025</b> |
| Candidate for Master of Science in Information Technology Management |                          |
| GPA: 4.0/4.0   Dean’s List   |                          |

CERTIFICATIONS

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|---|----------------|
| <b>Big Data Analytics</b> , Florida Atlantic University | <b>05/2025</b> |
| <b>MS Excel - Advanced</b> , Cengage                    | <b>04/2024</b> |