

Aishwarya Reddy Chintala

aishwarya.r1199@gmail.com | United States | +1 (217)-205-9288 | [linkedin](#) | [Github](#)

EDUCATION

Eastern Illinois University, Charleston, Illinois, USA

Jan 2024- May 2025

Master's in Computer Technology – 3.7/4.0

Jawaharlal Nehru Technological University, Hyderabad, India

July 2019- July 2024

Bachelor of Technology in Computer Science and Engineering – 7.5/10.0

SKILLS

- **Programming & Scripting:** Python, SQL, PySpark
- **Big Data & Distributed Computing:** Apache Spark, Hadoop
- **ETL & Data Pipeline Tools:** ETL Development, Apache Airflow, Data Pipeline Automation
- **Database Management:** PostgreSQL, MySQL, MongoDB, Cassandra, Redshift, BigQuery, Data Modeling, Data Warehousing, Schema Design, Query Optimization
- **Cloud Platforms & Services:** AWS (S3, Redshift, Lambda, Glue), GCP (BigQuery, Dataflow)
- **Streaming & Messaging:** Apache Kafka, AWS Kinesis
- **Data Quality & Transformation:** Data Cleaning, Data Validation, Data Transformation, Data Governance, Performance Optimisation
- **Business Intelligence & Reporting:** Tableau, Power BI
- **Version Control & CI/CD:** Git, Docker, CI/CD Pipelines
- **Operating Systems & Tools:** Linux/Unix, Windows, JSON, XML, APIs
- **Project Collaboration & Management:** Working with Data Analysts, Data Scientists, Product Managers
- **Monitoring & Workflow Automation:** Pipeline Monitoring, Error Logging, Alerts

EXPERIENCE

Data Engineer

VARKY Technology, India | Internship: [June 2022] – [June 2023], Full-Time: [August 2023] – [December 2023]

- Designed, developed, and maintained robust ETL pipelines for processing large-scale structured and unstructured datasets using Python and SQL.
- Built and optimised data ingestion processes from multiple sources, including relational databases, APIs, and streaming platforms (Kafka, AWS Kinesis).
- Implemented data transformation, cleaning, and enrichment workflows to ensure high-quality, reliable, and consistent data for analytics and machine learning use cases.
- Developed and maintained data models, schemas, and optimised queries in SQL and NoSQL databases (PostgreSQL, MySQL, MongoDB, Cassandra).
- Worked extensively with cloud data platforms and services such as AWS (S3, Redshift, Lambda, Glue) and GCP (BigQuery, Dataflow) for scalable data storage and processing.
- Automated workflows using Apache Airflow and managed orchestration of scheduled ETL jobs for timely data availability.
- Ensured data integrity, security, and governance by implementing validation checks, monitoring pipelines, and handling error logging and alerts.
- Collaborated with cross-functional teams, including data analysts, data scientists, and product managers, to deliver actionable insights from data.
- Applied performance tuning and optimisation techniques for large-scale data processing using Spark, PySpark, and Hadoop ecosystems.
- Created and maintained dashboards and reports using BI tools such as Tableau and Power BI for internal stakeholders.
- Gained hands-on experience in version control (Git), containerization (Docker), and CI/CD pipelines for smooth deployment of data workflows.
- Continuously researched and integrated emerging data engineering tools and best practices to improve system efficiency and scalability.