Anya Sharma

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Education

University College London (UCL)

MSc Data Science

Sep 2019 – Aug 2020 | London, UK

University of Warwick

BSc Mathematics

Oct 2016 – Jul 2019 | Coventry, UK

Work Experience

Data Engineer | ASOS | Oct 2020 - Present | London, UK

- Designed, built, and maintained ELT/ETL data pipelines using Python, SQL, and Apache Airflow on AWS.
- Managed data ingestion from various sources (Kafka streams, APIs, relational databases) into the data lake (S3) and data warehouse (Redshift).
- Developed data models optimized for analytical querying in Redshift.
- Implemented data quality checks and monitoring for key data pipelines.
- Collaborated with data scientists and analysts to understand data requirements and provide reliable datasets.

Skills

Programming: Python (Expert - Pandas, PySpark), SQL (Advanced)

Big Data & Data Processing: Apache Spark, Apache Airflow, Kafka, AWS Kinesis (Basic)

Databases & Data Warehousing: AWS Redshift, PostgreSQL, S3 (Data Lake), Data Modeling (Star/Snowflake Schema)

Cloud Platforms: AWS (Redshift, S3, EMR, Glue, Lambda, IAM)

DevOps & Tools: Git, Docker, Terraform (Basic), Jenkins (Basic)

Methodologies: ETL/ELT Design, Data Warehousing Principles, Agile (Scrum), Data Quality Management

Other Skills: Data Analysis (Basic), Linux/Bash Scripting

Certificates

AWS Certified Data Analytics – Specialty

Databricks Certified Associate Developer for Apache Spark (Expired, planning renewal)

Awards

UCL Dean's List for MSc Data Science