Mathilde N. Skov

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Professional Summary:  
Versatile data professional with 12 years of experience in roles spanning data analysis, database administration, and modern data engineering. Expertise in cloud technologies, particularly AWS and Azure, with a strong focus on designing and implementing data platforms and pipelines. Skilled in SQL, Python, and data visualization, with a proven track record of driving insights and decision-making through data-driven solutions.

Work Experience:

Lead Data Engineer  
CloudWorks Ltd, Manchester  
September 2020 - Present

* Architected and implemented cloud-based data platforms on AWS and Azure, leveraging services such as S3, Glue, and Azure Data Lake.
* Designed and developed data pipelines using Apache Spark and Databricks to support batch and streaming data processing.
* Implemented infrastructure as code using Terraform and Ansible to automate the provisioning and configuration of cloud resources.
* Led a team of data engineers in delivering scalable and resilient data solutions, adhering to best practices and industry standards.
* Collaborated with cross-functional teams to understand business requirements and translate them into technical solutions.

Senior Data Analyst  
Insightful Analytics, Manchester  
June 2015 - August 2020

* Conducted in-depth data analysis to uncover insights and trends using SQL, Python, and data visualization tools such as Tableau.
* Developed and maintained SQL-based data pipelines to extract, transform, and load data from various sources into data warehouses.
* Provided analytical support to business stakeholders, including ad-hoc queries, data-driven recommendations, and performance reporting.
* Collaborated with data engineers and DBAs to optimize data structures and improve query performance.

Database Administrator (DBA)  
DataMasters Ltd, Manchester  
March 2008 - May 2015

* Managed and maintained relational databases, including performance tuning, backup and recovery, and security administration.
* Developed and implemented database schemas, stored procedures, and triggers to support application requirements.
* Conducted regular database health checks and implemented proactive monitoring and alerting solutions.
* Worked closely with developers to troubleshoot database-related issues and optimize SQL queries.

Education:  
Bachelor of Science in Computer Science  
University of Manchester  
Graduated: June 2008

Skills:

* Proficient in AWS and Azure cloud platforms
* Experience with Apache Spark, Databricks, and SQL
* Strong background in data analysis and visualization
* Skilled in infrastructure as code and automation tools
* Excellent communication and teamwork skills

References: Available upon request.