

Amina Al-Mansoori

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SUMMARY

Experienced Senior Data Engineer with over 7 years of expertise in designing scalable data pipelines and optimizing ETL processes. Proven track record of leveraging advanced analytics to drive business decisions and enhance operational efficiency.

EXPERIENCE

Senior Data Engineer

Jan 2022 - Present

Tech Innovations Inc., San Francisco, CA

- Designed and implemented a data pipeline that improved data processing time by 40%, resulting in annual savings of \$300,000.
- Led a team to migrate legacy ETL processes to a modern cloud-based architecture, reducing operational costs by 25%.
- Developed a machine learning model that increased customer retention rates by 15% through predictive analytics.

Data Engineer

Jun 2018 - Dec 2021

Data Solutions LLC, Los Angeles, CA

- Built and optimized data warehouses using AWS Redshift, enhancing query performance by 50%.
- Collaborated with cross-functional teams to establish data governance frameworks, improving data quality metrics by 30%.
- Automated data extraction and transformation processes, reducing manual work hours by 20 hours per week.

Junior Data Engineer

Jul 2016 - May 2018

Analytics Corp, Austin, TX

- Assisted in the development of ETL workflows using Apache Airflow, leading to a 15% increase in data availability.
- Conducted data quality checks and validation processes that improved accuracy rates by 10%.
- Supported the migration of on-premise databases to cloud solutions, achieving a 30% reduction in infrastructure costs.

EDUCATION

Bachelor of Science in Computer Science

May 2018

University of California, Berkeley, Berkeley, CA • GPA: 3.7

SKILLS

Technical Skills: Python, SQL, Spark, ETL Processes

Tools & Frameworks: AWS, Apache Airflow, Redshift, Tableau