Midhun Kumar Chintapalli Data Engineer

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SUMMARY

Detail-oriented and innovative Data Engineer with over 4+ years of experience in designing, building, and optimizing scalable data systems. Proven expertise in managing robust cloud-based data warehousing solutions, automating ETL processes, and integrating advanced business intelligence tools. Demonstrated ability to lead data migration projects, ensure data security compliance, and facilitate cross-functional team collaborations.

EXPERIENCE

Data Engineer, PayPal   **January 2023 – Present | Remote, USA**

- Managed the integration of AWS Redshift, optimizing cloud resources to improve data storage and processing capabilities while ensuring cost efficiency.
- Automated ETL processes using Apache NiFi and AWS Glue, streamlining data transformations to facilitate cleaner and more reliable data inputs.
- Integrated advanced BI tools Power BI, enhancing data visualization and enabling sophisticated reporting for better decision-making.
- Enforced robust security protocols using AWS IAM and KMS to safeguard sensitive financial data and comply with industry regulations.

Data Analsyt, Cognizant Technology Solutions   **May 2019 – July 2022 | Chennai, India**

- Spearheaded the creation of interactive Power BI dashboards to analyze revenue streams across various hospitality services, boosting data-driven decision-making efficiency by 30%.
- Leveraged SQL Server for robust data extraction and manipulation, cutting data processing times by 40% and maintaining high data integrity for reliable revenue reporting.
- Utilized Python for developing predictive models, accurately forecasting revenue trends with a 90% accuracy rate, which significantly aided in strategic planning and resource allocation.
- Designed and built data dimensions and cubes using Snowflake and STAR schema in SSAS, which enhanced data modeling capabilities and deepened revenue insight extraction.
- Developed and maintained SSIS packages to integrate data from diverse sources such as MySQL, Oracle, SQL Server, Teradata, and flat files, enhancing data integration efficiency by 50%.
- Orchestrated the optimization of ETL processes, enhancing performance by streamlining workflows to accommodate increasing data volumes and complexity, thereby improving overall data handling efficiency.

EDUCATION

University of Central Missouri   July 2022 – May 2024
Master of Science; Major in Computer Science   Missouri, USA

SRKR Engineering College   June 2016 – June 2020
Bachelor of Technology; Major in Electronics & Communication Engineering   Andhra Pradesh, India

TECHNICAL SKILLS

Languages & Framework: Python, NumPy, Pandas, Matplotlib, PySpark, SQL, NoSQL

Database: MySQL, PostgreSQL, Microsoft SQL Server, Oracle, MongoDB, Cassandra, Redis, Teradata, STAR Schema, Snowflake Schema

Tools & Technology: Power BI, SSRS, SSAS, Apache NiFi, JIRA, AWS (RDS, EC2, S3, Redshift), Databricks, Azure Data Factory, Azure Data Lake, Apache Airflow, Apache Spark, MS Excel

Others: Communication, Collaboration, Problem-Solving, Critical Thinking, Time Management, Adaptability, Creativity, Leadership, Presentation Skills