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Professional Summary

Data Engineer with 8 years of experience in analytics, data engineering, business intelligence, and related fields. Proficient in Python, PySpark, and SQL, with strong expertise in Databricks, Snowflake, and AWS cloud technologies. Proven track record of developing system integrations, creating ETL/ELT jobs, and working with large-scale, complex datasets. Adept at problem-solving, troubleshooting, and delivering scalable data solutions in Agile environments. Process-oriented with excellent documentation skills.

Professional Experience (8+ years)

Blockhouse | Sr Data Engineer   *December 2023 – Present*

- **Query Optimization:** Developed and optimized SQL, PL/SQL, and NoSQL queries, reducing query execution times by 40% and improving overall system performance by 30%.
- **Efficient Multi-Datacenter Installation:** Led the installation and configuration of multi- datacenter databases, resulting in a 20% reduction in latency and improved data accessibility across regions.
- Led the standardization of data nomenclature and semantics, enhancing data consistency across departments and reducing miscommunication by 30%.
- **Advanced Backup & Recovery:** Implemented advanced database backup and recovery strategies, reducing backup times by 50% and improving data restoration accuracy to 99.99%.
- **Automation in Unix Environment:** Automated routine database management tasks using Unix scripting, which resulted in a 35% reduction in manual errors and a 25% increase in operational efficiency.
- **Cross-Functional Collaboration:** Worked closely with application delivery teams to provide database support, leading to a 15% reduction in project timelines and a 20% improvement in system reliability post-launch.

Cloudwick | Data Engineer   *August 2021 – November 2023*

- **Boosted Data Processing Efficiency:** Designed and implemented scalable ETL pipelines from scratch in a cloud environment, leading to a 40% improvement in data integration speed and accuracy across the platform.
- **Enhanced Data Reliability:** Led a team to build data solutions using Databricks, Fivetran, and DBT, resulting in a 50% increase in data processing reliability and a 30% reduction in processing time.
- **Streamlined Deployment Processes:** Developed and deployed CI/CD pipelines using Jenkins, Docker, and Kubernetes, which reduced deployment time by 35% and minimized errors, ensuring smoother integration across data platforms.
- **Optimized Data Performance:** Managed data warehousing solutions on Snowflake, optimizing data models and improving query performance by 25%, resulting in faster data retrieval and analysis.
- **Accelerated Decision-Making:** Collaborated with cross-functional teams to define data strategies, leading to a 20% increase in data-driven decision-making efficiency and more timely business insights.
- **Reduced Manual Effort:** Automated data ingestion processes using Apache NiFi, cutting manual intervention by 40% and improving data consistency across multiple systems by 30%.

Accenture | Senior Data Scientist   *October 2019 – July 2021*

- Automated data extraction and transformation processes, reducing manual intervention by 40% and increasing data processing accuracy.
- Developed Python-based analytics solutions, leading to a 10% increase in data-driven insights and business decision-making.
- Integrated multiple data sources into a unified data platform, improving data consistency and supporting business intelligence initiatives.
- Enhanced data governance practices, ensuring compliance with industry regulations and reducing data-related risks by 25%.

Accenture | Data Engineering Specialist   *June 2017 – Sept 2019*

- **Enhanced Data Pipelines:** Spearheaded the development of end-to-end ETL pipelines on AWS, leading to a 40% increase in data processing efficiency for large-scale transformations across multiple clients.
- **Optimized Big Data Processing:** Leveraged Apache Spark and Hadoop to reduce processing time by 50% and cut operational costs by 30%, significantly improving big data processing capabilities.
- **Improved Data Accessibility:** Implemented data pipelines in Snowflake, enhancing data accessibility by 35% and improving reporting capabilities for business users, leading to faster decision-making.
- **Advanced Data Visualization:** Utilized PowerBI and Tableau to create interactive dashboards, reducing report generation time by 25% and enabling real-time data visualization and insights for stakeholders.
- **Increased Business Efficiency:** Conducted comprehensive data analysis and modeling, resulting in actionable insights that led to a 20% improvement in overall business efficiency.

Accenture | Data Analyst   **Aug *2015 – May 2017***

- Developed Python-based automation scripts to streamline data processing workflows, resulting in a $1M annual savings.
- Managed data ingestion, cleansing, and analysis for various projects, ensuring high data quality and integrity.
- Created and optimized SQL queries for data extraction and reporting, improving data retrieval speed and accuracy.
- Designed and implemented data models to support complex business intelligence requirements, enhancing data-driven decision-making.

Education
Master of Professional Science in Data Science | SUNY Buffalo – Buffalo, NY (3.77)

Techical Skills
- **Programming:** Python, PySpark, SQL, Shell Scripting
- **Data Engineering:** Databricks, Snowflake, Data Modeling, ETL/ELT processes
- **Cloud Technologies:**AWS Redshift , S3 , Glue , IAM
- **Business Intelligence:** Tableau, PowerBI,
- **Database Management:** SQL, NoSQL, Snowflake, Data Warehousing
- **Software Development:** Agile Methodologies, API Integration
- **Data Mining & Analysis:** Python, SQL, Hadoop
- **Data Quality Assurance:** Data Cleansing, Data Profiling, Data Validation