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ANKUSH BHOWMIK

JOB OBJECTIVE

Data Engineer with extensive experience in data integration, ETL processes, and data warehousing, targeting a challenging role in Hadoop development, data engineering, Hadoop administration or big data developer. Open to positions in the IT industry.

EDUCATION

B.Tech. (Electrical Engineering) from Netaji Subhash Engineering College in 2018 with 7.39 CGPA

CORE COMPETENCIES

- Data Processing & ETL
- Data Pipeline
- Database Management
- Data Warehousing
- Data Quality & Governance
- Data Visualization
- Data Monitoring & Performance Optimization
- Liaison & Coordination

IT SKILLS

- Hadoop, Hive, Hql
- SQL, Stored Procedures
- Oozie Workflow
- Spark basics
- Unix and Shell Scripting
- Aws S3, Redshift, Step Function
- Collibra OwlDq
- Sqoop
- Excel

PROFILE SUMMARY

- **Offering nearly 5 years** of comprehensive experience in Data Engineering, with a specialization in Hadoop Development, Data Integration, and Data Warehousing
- Skilled in a wide range of key competencies, including **data processing and ETL, database management, data warehousing, data quality, data** visualization, and data monitoring, contributing to overall project success
- Proficient in utilizing various data engineering tools and technologies, such as **Hadoop, Hive, HQL, SQL, Oozie, Spark, Unix, and AWS services**, to deliver high-quality data solutions and drive project success
- Implemented processes and systems to monitor data quality, ensured production data is always accurate and available for key stakeholders and business processes that depend on it
- Collaborated with analytics and business teams to improve data models that feed business intelligence tools, increased data accessibility and fostered data-driven decision-making across the organization
- Successfully reduced data processing time by optimizing data pipelines and implementing efficient data integration techniques
- Achieved seamless data flow from various sources into the data warehouse, optimized the integration process, and improved data quality using **Collibra OWL-DQ in the current role**
- Exhibited leadership qualities as a Senior Data Engineer, effectively coordinating and liaising with cross-functional teams to achieve project goals

WORK EXPERIENCE

Mar'22-May'23, Senior Data Engineer, Mindtree Ltd., Kolkata

Highlights:

- Successfully set-up AWS Redshift data warehouse by consolidating data from various sources such as S3, RDBMS, and HDFS as well as ensuring efficient data storage and retrieval
- Implemented data integration with AWS Glue and facilitated seamless data flow into the data warehouse and improved overall data management processes
- Developed SQL stored procedures to verify product details across multiple source systems, generated data mismatch reports and enabled corrective actions to maintain data accuracy
- Tracked shipment details of products across multiple countries, provided valuable insights for effective supply chain management and decision-making
- Offered technical expertise in data analysis and report creation using Spotfire, supporting clients with data quality improvement initiatives using Collibra OWL-DQ
- Designed an efficient system of outage management for the Kaiser Permanente project which resulted in improved operational efficiency and reduced downtime
- Collaborated with cross-functional teams to identify data requirements and develop data models, ensured alignment with business objectives and facilitated data-driven decision-making
- Conducted regular data audits and implemented data governance best practices, ensured data security, compliance, and accuracy across all projects

- Formed alliances with Department Managers on projects, operational decisions, scheduling requirements/conflicts, and vendor contract clarification; led the development of enterprise technology standards, governance processes, and performance metrics to ensure the company delivered value
- Created test plans for module-level integration and tracked/resolved defects; identified code support issues, actioned resolutions, and provided technical assistance for moderately complex problems; prepared and packaged production-ready code modules for staging; followed documentation and development standards

Feb'19-Mar'22, Tata Consultancy Services, Kolkata

Growth Path:

Assistant System Engineer-Trainee, Feb'19-Apr'20

Assistant System Engineer, Apr'20-Apr'21

System Engineer, Apr'21-Mar'22

Key Result Areas:

- Acted as an ETL and Big Data Developer in the Energy Services, Telecom, and Healthcare domains, contributed to diverse projects and gained valuable industry experience
- Designed HDFS data storage solutions, created diverse tables for optimal data management and ensured efficient data retrieval processes
- Developed data flow pipelines using Sqoop for data extraction and utilized Oozie for job scheduling and coordination, streamlined data processing tasks
- Managed incidents using Tivoli Workload Scheduler (TWS) to diagnose and resolve job failures, minimized disruptions and maintained project timelines
- Assisted in the development of data quality and validation processes, ensured the accuracy and reliability of data used in various projects across multiple domains
- Provided training & guidance to junior team members on data engineering best practices, tools, and technologies, fostered a collaborative and knowledgeable work environment

Achievement:

- Received the prestigious "THE SPOT" Award twice for outstanding performance on multiple projects, showcasing dedication and commitment to excellence

Oct'18-Dec'18, Research Assistant, Nielsen India, Kolkata

Key Result Areas:

- Utilized Excel and various tools for data analysis, charts, calculations, and report generation from field team data based on business needs, provided valuable insights for decision-making

PERSONAL DETAILS

Date of Birth: 13th April 1996

Languages Known: English, Bengali & Hindi

Address: Shirishtala, Jalpaiguri, West Bengal, 735101