

BHEEMENDER GURRAM

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Overland Park, KS

GitHub

Credly

SUMMARY

Results-driven Data Engineer with expertise in designing and optimizing scalable data pipelines, data transformation, and analytics solutions. Skilled in **cloud-based platforms (AWS, Azure)**, big data technologies (**Apache Spark, Kafka, Airflow**), and relational and NoSQL databases. Adept at leveraging **Python, SQL, and Scala** programming skills to enhance data accuracy, governance, and processing efficiency. Experience applying data privacy and governance regulations (CCPA, USGCI, COPPA) to engineering solutions.

EXPERIENCE

Software Engineer Intern | AI Labs Web LLC | Charlotte, NC

Aug'24 - Dec'24

- Developed scalable data processing applications using Scala and Python with Apache Spark, leading to a 30% reduction in data processing time for large datasets, improving project efficiency.
- Implemented data validation scripts in Python, ensuring data accuracy and reliability for downstream analytics and business insights.

Data Engineer | IBM | Bangalore, India

Apr'21 - Dec'22

Worked with the Oracle Cloud Migration team on the **Ma'aden Cloud Transformation project (Saudi Arabian Mining Company)** to develop, transform, and load data from Fusion to the data warehouse in ODI for reporting purposes.

- Data Integration & Pipeline Development:**
 - Architected and optimized **large-scale data pipelines using Oracle Data Integrator (ODI)**, improving data processing speeds by 20%.
 - Designed and managed **data integration workflows, ensuring seamless extraction**, transformation, and loading (ETL) across relational databases and flat file sources (CSV, TXT).
 - Developed **automated full and incremental data loading** strategies, reducing manual intervention by 30%.
- Data Architecture & Optimization:**
 - Optimized complex SQL queries and data processing workflows, achieving a 20% improvement in system performance and led **system migration** projects with zero data loss, demonstrating strong data governance practices.
 - Integrated cloud solutions, implementing data processing pipelines using Azure Data Factory, Azure Databricks, and Snowflake.

RPA Developer Intern | Virtusa | Hyderabad, India

Jan'20 - Jun'20

- Completed RPA Automation Anywhere training**, developing an **Automatic Email Bot** that improved communication with parents of students with low scores, fostering timely support and engagement.

SKILLS

- Programming Languages:** Python, SQL, Scala, Shell Scripting, Java
- Big Data & Data Processing:** Apache Airflow, PySpark, Apache Kafka, Apache Spark
- Databases & Data Warehousing:** PostgreSQL, Oracle DB, MongoDB, Snowflake, Amazon Redshift
- ETL & BI Tools:** ODI, Tableau, OBIEE, PowerBI
- Cloud Platforms:** AWS (EC2, S3, EMR, Glue), Azure (Azure Databricks, Azure Data Factory)

PROJECTS

Customer Data Platform(CDP) Engineering

- Built and optimized **scalable data pipelines to enhance customer data processing** and analytics capabilities, improving performance metrics and customer insights.
- Created **ETL workflows for real-time data ingestion** and transformation, streamlining reporting and business intelligence processes.
- Designed and implemented data privacy and security solutions ensuring compliance with regulatory standards.

EDUCATION

Master of Science, Computer Science

Dec - 2024

University of Central Missouri, Warrensburg, MO / GPA: 3.50/4.00

Bachelor of Science, Computer Science

Aug - 2020

Chandigarh University, Mohali, India

- Awards: Secured third place in the **"SMART FARMING"** Flagship Event with a home automation project that integrated IoT using Arduino HC-05 modules and a rain sensor for efficient irrigation