RUDRAKSH KAWADKAR

Data Engineering Senior Analyst

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ABOUT ME

Results-driven Senior Data Engineering Analyst with 8+ years of experience, including 2+ years in data engineering and big data. Expert in building scalable data pipelines, improving data quality, and delivering actionable insights. Proficient in Python, SQL, Spark, Hive, and AWS. Known for driving efficiency and collaborating effectively across teams to support business growth.

EXPERIENCE

Data Engineering Senior Analyst   2023 - Present

Accenture Solution PVT LTD

- Data Ingestion & Validation: Ingested and validated source data from staging areas, ensuring data quality and accuracy.

- Data Transformation: Mapped and transformed source data based on Data Modeling team requirements, reducing defect occurrence by 30%.

- Unit Testing & Bug Resolution: Conducted unit testing, stored validated data in HDFS, and resolved bugs in collaboration with the testing team.

- Cross-Functional Collaboration: Worked with DevOps and cross-functional teams to implement changes per end-user requirements, improving system synchronization.

- Tools & Technologies: HiveQL, HDFS, MS Excel, Spark

- Key Achievement: Enhanced pipeline efficiency, reducing processing times by 25% and enabling faster, more accurate reporting.

Data Engineering Junior Analyst (Internal Transfer)   2022 - 2023

Amazon Development Center India PVT LTD

- Data Integration: Imported and optimized data from AWS S3 into Spark DataFrames, improving query efficiency by 30%.

- Data Management: Managed file formats (Parquet, CSV) and leveraged Hive on Cloudera for efficient data storage and retrieval.

- Advanced Analytics: Conducted business process analysis, data cleaning, validation, and forecasting using Pandas.

- Data Visualization: Applied data aggregation and visualization techniques to support market research and decision-making.

- Key Achievement: Delivered actionable insights that contributed to a 20% boost in sales conversions and improved customer retention.

Senior eCommerce Executive   **2018 - 2022**

Amazon Development Center India PVT LTD

Marketing Strategy: Developed and executed comprehensive marketing strategies aligned with company goals.

Team Leadership: Led and mentored a high-performing marketing team, fostering a collaborative and results-driven environment.

Brand Management: Monitored and maintained brand consistency across all marketing channels and materials.

Software Engineer (Android)   **2016 - 2018**

Emorphis Technologies PVT LTD

App Development: Developed Android applications, integrated APIs, and optimized app performance.

Collaboration: Worked with cross-functional teams to implement new features and ensure code quality.

EDUCATION

Masters of Computer Application   **2013 - 2016**

Devi Ahiliya University | Indore | India

Bachelors of Computer Application   **2010 - 2013**

Devi Ahiliya University | Indore | India

High School Examination   **2007 - 2009**

Madhya Pradesh Board of Education | Indore | India

Secondary School Examination   **1995 -2007**

Madhya Pradesh Board of Education | Indore | India

CORE COMPETENCIES

Programming Languages : Python, SQL

Big Data Tools : Apache Spark, PySpark, Hive, Databricks, WinSCP, Putty

Data Processing & Visualization : Pandas, NumPy, Matplotlib, Seaborn, Plotly

Cloud Platforms : Amazon S3, Amazon EC2

Databases & Tools : MySQL, Jupyter Notebook

Soft Skills : Effective communication, cross-functional collaboration, project management, process optimization

REWARDS AND RECOGNITIONS

- **Employee of the year**, Amazon Development Centre India PVT LTD, for excellent performance during the financial year 2020-21.
- **Individual excellence award**, Emorphis Technologies PVT LTD, for consistent performance as an individual during the financial year 2016-17.

PROJECT

Standard Chartered Data Factory   **2023 - Present**

Accenture Solutions PVT LTD

Objective: Built a robust data pipeline for end-to-end data processing to support business analytics for Standard Chartered Bank.

Key Contributions:
- Automated metadata JSON file generation, streamlining workflows.
- Improved data accuracy by 20% through rigorous unit testing and cleansing.
- Reduced incident resolution time by 25% by addressing ADO defects.
- Enhanced reporting accuracy by 15%, enabling better compliance and decision-making.

AWS Retail Store Analytics   **2022 - 2023**

Amazon Development Center India PVT LTD

Objective: Analyzed large-scale customer purchase and transaction data to drive data-driven strategies for Amazon Retail.

Key Contributions:
- Consolidated multi-source data into S3 Storage, improving query efficiency by 30%.
- Delivered actionable insights that boosted sales conversions by 20%.
- Streamlined project workflows using Agile methodologies, ensuring timely delivery.

GET IN TOUCH

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