

NAME: Pruthviraju Basavaraja
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OBJECTIVE:

To work in learning and challenging environment, utilizing my skills and knowledge to be the best of my abilities and contribute positively to my personal growths as well as growth of the organization.

PROFESSIONAL SUMMARY:

- ❖ Total I have 8 years of IT experience in that relevant to Data Engineer I have 4+ years of experience in designing and implementing data solutions. Skilled in Python, PySpark, SQL, AWS, Pandas, and Apache Spark, with a strong track record of building scalable data pipelines, optimizing workflows, and ensuring data quality.
- ❖ Strong problem-solving abilities with in-depth knowledge of big data technologies and cloud platforms.
- ❖ Developed and maintained ETL pipelines using Python and PySpark to process and transform large-scale datasets efficiently.
- ❖ Optimized SQL queries, reducing query execution time by 20% through improved indexing and query structuring.
- ❖ Designed and implemented data warehouse solutions on AWS to support analytics and reporting.
- ❖ Built data integration workflows to enable seamless data movement across multiple systems and platforms.
- ❖ Collaborated with data scientists to deploy machine learning models on Apache Spark for real-time processing and predictive analytics.
- ❖ Conducted data quality assessments and implemented cleansing and validation procedures to maintain data accuracy and integrity.
- ❖ Partnered with cross-functional teams to understand data requirements and deliver technical solutions for data-driven initiatives.

WORK EXPERIENCE:

- Totally I have 8 years of IT experience.
- Currently working as Data Engineer in TCS from December 2019 to Till Date.

TECHNICAL SKILLS:

- **Programming Languages:** Python

- **Big Data Technologies:** PySpark, Apache Spark
- **Databases:** SQL
- **Cloud Platforms:** Amazon Web Services (AWS)
- **Data Processing and Analysis:** Pandas
- **ETL Tools:** Apache Airflow
- **Version Control:** Git
- **IDE :**Jupyter Notebook, PyCharm

ACADEMIC PROFILE:

- **Degree:** Bachelor of Engineering in Electronics and Communication.
- **University Name:** Visvesvaraya Technological University.
- **Graduation Year:** 2016

PROJECT DETAILS:

1.Title	Customer Transaction Data Pipeline
Description	Develop a data pipeline to process customer transaction data from various sources. The pipeline will ingest data from AWS S3, transform it using PySpark, and store the processed data in an AWS RDS (MySQL) database. The data will be used to generate insights and reports for business analysis.
Period	Dec 2019-Feb 2022
Position	Data Engineer
Responsibilities	Develop ETL (Extract, Transform, Load) jobs using PySpark to process large volumes of customer transaction data. Ingest data from AWS S3, perform transformations, and load the processed data into an AWS RDS (MySQL) database. Optimize the PySpark jobs for performance and scalability. Ensure data quality and integrity throughout the pipeline.
Technical Skills	python pyspark , aws and sql

2.Title	Data Lake Implementation and Analytics
Description	Set up a data lake infrastructure on AWS using services like S3, Glue, and Athena, and perform advanced analytics on the stored data.
Period	March 2022-Nov 2024
Position	Data Engineer
Responsibilities	As a Data Engineer, my responsibilities include designing and configuring data lake architecture to ensure efficient data storage and management. I develop ETL jobs using AWS Glue to facilitate seamless data ingestion and transformation. Additionally, I create optimized data schemas in Athena to enhance query performance. I leverage Apache Spark to perform complex analytics and data processing, enabling advanced data-driven insights. Collaborating closely with stakeholders, I support data exploration and analysis to drive business decisions.
Technical Skills	Python, SQL, AWS, Apache Spark

PERSONAL DETAILS:

Full name: Pruthviraju Basavaraja

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Location: Karnataka,Davangere.

DECLARATION:

I hereby declare that all information furnished by me is true to best of my knowledge,