SREEKAR BEJJANKI Data Engineer

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Summary

Data Engineer with 2+ years of experience building scalable data pipelines and ETL workflows using PySpark, Apache Spark, and Databricks on cloud platforms like Azure. Skilled in API integration (Twilio), Delta Lake, and secure data processing using Key Vault. Strong foundation in SQL, Python, DSA, and Big Data, with hands-on experience in CI/CD and data quality automation.

Skills

- **Languages & Databases:** Python, SQL, PySpark, SQL Server, MySQL
- **Big Data & Cloud:** Apache Spark, Databricks, Delta Lake, Azure (Data Factory, Blob Storage, Synapse)
- **Tools:** Git, GitHub, REST APIs, JSON
- **Core Concepts:** ETL Pipelines, Data Structures and Algorithms (DSA), OOPs, CI/CD
- **Certifications & Achievements:** Python, Django, Google Cloud Generative AI, Solved 100+ LeetCode problems

Work Experience

Datalysys Software Solutions Pvt. Ltd.   **June 2022 – Present**
Hyderabad - Remote

Patient Messaging Automation Platform | *Data Engineer*| Python · Databricks · Twilio · Key Vault · SQL Server

- Developed 5+ Databricks notebooks to automate SMS messaging workflows for healthcare use cases.
- Utilized PySpark to ingest and transform patient data for message eligibility and scheduling.
- Integrated Twilio API to send real-time SMS notifications and capture delivery status.
- Secured credential access using Azure Key Vault and Unity Catalog-based secrets management.
- Executed SQL Server stored procedures to retrieve dynamic configurations and log message activity.

FHIR Data Lake Integration – Unified Patient 360 Pipeline| Data Engineer | Databricks · PySpark · FHIR · Delta Lake · Unity Catalog· Azure Data Lake (abfss – Azure Blob File System Secure)

- Built Databricks pipelines to ingest and flatten FHIR resources (Patient, Vitals, Appointments).
- Parsed HL7 FHIR JSON into structured PySpark DataFrames using custom extractors.
- Consolidated data into Delta tables with Unity Catalog for secure access and governance.
- Applied CDC logic using Delta MERGE with deduplication on MRN and Encounter ID.
- Processed 1M+ records with optimized batch loads and schema validation.
- Scheduled workflows as production Databricks jobs for continuous and reliable execution.

FactSet Systems India Pvt. Ltd.   **Nov 2019 – May 2022**
Research Analyst   Hyderabad

- Gathered, interpreted, and analyzed financial data from corporate reports and market sources.
- Identified trends and generated insights that led to an 85% improvement in investment prediction accuracy.

Education

- **Telangana University**, Nizamabad, Telangana.
  Master of Business Administration (MBA)   May 2018
  CGPA: 7.32