Srikanth Balabadra

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CAREER OBJECTIVE

Detail-oriented **Data Engineer** with an experience in **SQL, Python and Pyspark**, along with hands-on expertise in **PySpark, Data Pipelines**. Skilled in developing **scalable applications and ETL workflows**, with strong knowledge in **database management, and distributed systems**.

EDUCATION

Geethanjali College of Engineering and Technology, Keesara, Hyderabad

Computer Science & Engineering, CGPA - 6.8   September 2020 - May 2023

Samskruthi College of Engineering and Technology, Gatkesar

Computer Science & Engineering, CGPA- 7.2   June 2017 - May 2020

Nalanda High School, Neredmet, Hyderabad

CGPA- 7.2   April 2017

ACADAMIC PROJECTS

Major Project: - IOT Based Smart Parking System with Raspberry Pi

- Built an IoT-based solution using Raspberry Pi and Python to automate parking management. The system enabled real-time parking slot tracking and automated vehicle entry/exit, improving efficiency and minimizing manual efforts.

Mini Project: - Traffic Sign Recognition and Alert System Using IOT

- Built an IoT-based system using Python to detect traffic signs through image processing and provide real-time alerts to drivers. This project enhanced road safety by automating traffic sign recognition and notification delivery.

SKILLS

- **Programming Languages**   : Java, Python, SQL
- **Backend & APIs**   : Spring Boot, RESTful APIs
- **Distributed & Data Engineering** : PySpark, Databricks, Airflow, Pandas, Azure
- **Frontend Development**   : HTML, CSS, JavaScript, React.js
- **Databases**   : MySQL
- **ETL & Data Processing**   : Data Cleaning, Transformation, Pipelines
- **Tools & Version Control**   : Git, Maven, Eclipse, Jupyter Notebook, VS Code
- **Methodologies**   : Agile, Scrum, Waterfall, JIRA

EXPERIENCE

Data Engineer Intern   *– Ikonos technologies, Hyderabad*   *June 2025*

- Designed and implemented ETL workflows for ingesting and transforming structured/unstructured data.
- Worked with PySpark and SQL to perform data cleaning, transformation, and aggregation.
- Collaborated with senior engineers in optimizing queries and improving data reliability**.**

PROJECT

1. Fifa21 Data Cleaning *(PySpark, SQL)*

- Collected raw FIFA21 player dataset (CSV format) and performed data cleaning operations including handling null values, removing duplicates, and standardizing formats (height, weight, release clause, etc.

- Implemented feature engineering by transforming categorical data (preferred foot, work rate, positions) and converting text-based columns into numerical formats.

    GitHub :- https://github.com/BalabadraSrikanth/Fifa21_DataCleaning.git

2. Sales Data ETL Pipeline *(PySpark , SQL, Databriks)*

- Developed an end-to-end **PySpark pipeline** to process raw sales data.

- Transformed large datasets with PySpark (joins, aggregations, partitioning) and stored curated Gold-layer data in optimized Parquet files for downstream analytics.

- Scheduled and automated the pipeline using Databricks Jobs for daily batch runs.

Certifications

- Full Stack Java Development Certification – Sathya Technologies