

MEETIKA DWIVEDI

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9971464797

Profile summary

- Excellent reputation for resolving problems, improving client satisfaction, and driving overall operational improvements.
- Big Data Developer with 3 years of experience in design, development and unit testing of big data projects.
- Good in handling pressure situations and working within deadline.
- Ability to play key role in the team and communicates across the team.

Skills

- **Programming Language:** Python
- **Big DATA Platform:** Apache Spark, Pyspark, Basics of Hive
- **Cloud Platform:** Amazon Web Service (AWS) S3, Redshift, Glue, Aurora, SNS, Lambda, Athena

Work experience

1. Python Developer in Qentelli Technology Solutions (September 2020 to present)

- Project: Brierley and Kona
- Technologies used – Python 3.7, Nifi 1.12, NIPYAPI
- Roles and Responsibilities:
 - To develop Python scripts to develop Apache Nifi Workflows from scratch
Apache Nifi has been used for data ingestion and to automate the flow of data between Systems.
 - Implemented Start/Stop of Nifi Processors, Once the file is processed completely ,all the processors are stopped and controller services will be disabled.
 - Unit Testing of Python Scripts
 - Error Handling of Nipyapi
 - In-Depth Knowledge of NIPYAPI
 - Used GIT as a repository for python scripts.

2. Big Data Developer in Cognizant Technology Solutions (December 2018 to June 2020)

- **Client and Project description** – Florida Power and Lights Gulf Power Smart Grid FB(December 2018 - June 2020)
- **Technologies used-** Pyspark, Python, AWS S3, GLUE, Redshift, Aurora, Spark-SQL, Dataframe
Description- The aim of this project is to Develop Pyspark scripts to process the file and performed transformation and validation on csv file data and store data into Aurora and Redshift databases. Glue job was used for ETL process.
- **Roles & Responsibilities –**
 - Involved in data model creation.
 - Created aws glue job.

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- Design and construction and unit testing of Pyspark script.
- Analysis and proper solution for the assigned JIRA stories.
- Analysis and proper solution for the requirements provided by client.
- Developed data cleansing and data validation framework for applications
- Designed Spark modules to load monthly and daily tables with incremental logic.
- Designed Spark module to read and transform the CSV file as per the requirement.
- Written Python scripts for pre-processing data coming as csv file and did all the standardization as per the client requirement.
- Developed to make the connection Aws glue script with aws aurora and redshift databases.
- Used Bit Bucket as repository to store all Pyspark scripts and function DDLs.
- Handled optimization in the spark modules.
- Error handing of the jobs.

3. Programmer Analyst Trainee in Cognizant Technology Solutions (April 2018 to December 2018)

❖ Pyspark case study:

❖ Skills Used – Pyspark , Python

I had done one to one training and make self-project in Pyspark. In the project I took dataset from Kaggle.com. Perform RDD operation and DataFrames Programming. Here I'm using Platform as Pycharm have inbuilt spark module. I used json, csv and text file, created RDDs and Dataframes over it. In dataframes, I have used functions like flatten data using explode, create a UDF and made report using Spark Sql. I have also done API calling and data fetching from a weather forecast website. I have uploaded files to AWS S3 using python programming.

Proposed a python program for comparing two csv files using Pandas library. Here we read two csv files using csv.read inbuilt function and make dataframes for creating tables. By using pandas library, fetch data inside the DataFrames and compare as per requirement.

Educational Details

| Degree/ Certificate | Institution/ Board | Year | CGPA/ Percentage |
|---------------------------------------|---|------|------------------|
| B.Tech (Electrical Engineering) | IEC College of Engineering and Technology, Greater Noida(AKTU) | 2017 | 70.30% |
| XII | ST. Thomas Convent School | 2013 | 80% |
| X | ST. Thomas Convent School | 2011 | 83% |