RAVIKUMAR GADHAVE

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Pune Maharashtra ,India

WORK HISTORY

John Deere India Pvt Ltd
Pune, Maharashtra • 02/2020 - Current

- Part of Enterprise Analytics Warehouse team , for providing big data solutions for Enterprise products across organization

Core Compete Pvt. Ltd. - Data Engineer
Pune, Maharashtra • 08/2019 – 02/2020

- Part of team to provide Analytics and Solutions for Big Data over Cloud Services.

YASH Technologies Pvt. Ltd. - Software Engineer
Indore, MP • 03/2017 – 08/2019

- Collaborated with cross-functional development team members to analyze potential system solutions based on evolving client requirements.

SKILLS

Programming Languages:
Python

PROFESSIONAL SUMMARY

- Around 4.11 years of IT experience as a Developer, Designer of large-scale distributed systems.
- Skilled experience on both On-premise and Cloud based platforms (AWS and GCP) specializing in ETL and Big Data Services using big data technologies like **Apache Spark** with **Python**.
- Hands On experience in Design and Development of Serverless Architecture using Google Cloud Platform and AWS.
- Excellent Knowledge of PySpark, Data analysis, Python
- Worked on pyspark and spark optimization with ingesting data from different on-prem, cloud sources with handling of multiple file formats like csv, json, parquet, txt and transformation using pyspark and loading to multiple targets.
- Great experience of working in the agile methodology.
- Excellent Knowledge of Big Data reporting tool.
- Good understanding and hands on experience in python
- Good communication and presentation skills, willing to learn, adapt to new technologies and third-party products.
- Good hands On experience in Databricks.

PROJECT SUMMARY

Project Title: Enterprise Analytics Warehouse
Client: Multiple Enterprise John Deere Products(MDAW,CCMS,JDE, PLC)

Key Responsibilities:
- Working on multiple products. More focus on process enhancement and data quality, to reduce the cost, we are migrating SAS code to Pyspark.
- Removing the dependencies of DB2 - on -prem (Instead of DB2, USE Enterprise data lake).
- The legacy system is developed in Mainframe, to improve the functionality and cost saving we are implanting the project in Big Data env, Converting SAS code to Pyspark on Databricks.
- Created utilities which can be used across projects to get detailed report for data quality and remove erroneous records from the source file.

Role: Data Engineer
Technologies And Languages: Pyspark, Databricks, AWS lambda, DB2 ,S3.

Project Title: Advanced Data Analytics Platform
Client: VF(Vans-Face)

Key Responsibilities:
- Involved in the planning, design and development of Data Lake using S3 and redshift with AWS Glue as ETL service.

Big Data Technologies:
Apache Spark, Apache Beam,ETL

Cloud (GCP) Based Technologies:
DataFlow, BigQuery, BigTable, Cloud Functions, PubSub,
Storage, Compute Engine

Cloud (AWS) Based Technologies:
Lambda, S3, RDS, Cloud Watch, IAM, EMR, Data Pipeline, Glue,
DynamoDB, Step Functions,
Databricks

Cloud (AWS) Based Technologies:
Azure Databricks, Data Factory

Web Technologies:
HTML5, CSS, JavaScript

Operating System:
Windows, Unix/Linux

EDUCATION
Post Graduate Diploma In Advanced Computing (CDAC)
Karad • 2017

Bachelor of Engineering, SVPM COE, University Of Pune
Baramati • 2016

Electronics and Telecommunication
Percentage: 68.80

H.S.C, Maharashtra State Board
Osmanabad, Maharashtra • 2012
Percentage: 85.66

S.S.C Maharashtra State Board
Osmanabad, Maharashtra • 2010
Percentage: 100

PERSONAL INFORMATION
Date Of Birth :   13th March 1995
Marital Status: Unmarried
Nationality   :   Indian
Languages   :   English, Marathi, Hindi

Permanent Address: Home No 26/717, BhanuNagar , Osmanabad, Maharashtra 413501

DECLARATIONS
I hereby declare that all the above information is correct to the best of my knowledge.

SIGNATURE:

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- Developed Glue jobs to transform various feeds data from s3 csv files to AWS Redshift as target using AWS Glue Pyspark Jobs.
- Used DynamoDB to save file configurations and status management.
- Perform requirement gathering with the client and provide best solution suitable.

Role: Data Engineer
Technologies And Languages: AWS services S3, Lambda, Glue, Step Functions, DynamoDB, Python

Project Title: Data Management Platform
Client: AngloAmerican

Anglo American is a multinational mining. It is the world's largest producer of platinum, with around 40% of world output, as well as being a major producer of diamonds, copper, nickel, iron ore and metallurgical and thermal coal.

Key Responsibilities:
- Involved in the planning, design and development of data transfer and processing using Azure Data Factory.
- Established Azure Data Factory to move data from SAP BW to ADLS as a raw landing zone via copy activity in parquet files with respective taxonomies.
- Developed a transformation layer using Azure DataBricks Notebook activity using PySpark and load to SQL server.
- Perform requirement gathering with the client and provide best solution suitable.

Role: Data Engineer
Technologies And Languages: Azure services like Data Factory, DataBricks, ADLS, SQLServer, pyspark, python

Project Title: Next Generation Digital Health Care
Client: Right-Mechanics
It's a next generation digital health and wellness company and their mission is to leverage bio-mechanical data for diagnosis and treatment of mobility injuries.
Bio-mechanical modeling and statistical learning techniques hold great promise for improving surgical outcomes. But this requires establishing infrastructure to operationalize the whole solution.
Key Responsibilities:
- Involved in the planning, design and development of realtime data-processing and analysis with serverless architecture using Google cloud services.
- Establishing ETL, data processing model, to allow us to develop and support the data & analytics capabilities in a safe, secure and compliant way.
- Developed ingestion layer with Google Cloud Services like **Cloud Functions, Storage, BigQuery** and Data Processing with DataFlow (Apache Beam).
- Perform requirement gathering with the client. Provide valuable feedback and suggestions.

Role: Data Engineer
Technologies And Languages: Google Cloud Services like Cloud Functions, PubSub, DataFlow, BigQuery, BigTable and Python.

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