POTNURU SIVA

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Big Data developer with 3 years of experience – working as a Consultant at Deloitte USI

Objective

To use technology and strategic innovation continuously to achieve targets while being a part of an esteemed organization whereby, I can use my skills and knowledge in helping the company and me grow dynamically

Profile Summary

7 years of overall IT experience, which includes relevant experience of 3 years in Big Data development projects

➢ Experience with the tools in Hadoop Ecosystem including HDFS, Sqoop, Hive, HBase, Spark with Scala, Airflow and basics of Kafka

➢ Hands-on experience with importing large sets of data from Relational Database Systems to HDFS and vice-versa using Sqoop and worked on SQL as well

➢ Involved in performance tuning of Hive by designing and creating Hive external tables with Partitioning and Bucketing techniques

➢ Experience in Spark-Scala programming language, EMR, EC2, AWS Glue, AWS Athena, AWS S3

➢ Experience in developing end to end applications involving various transformation logics using Hive and Spark

➢ Experience in AGILE development Methodology

➢ 4 years of experience in Mainframe development projects using COBOL, JCL, DB2

➢ Have experience in working on Mainframe tools - Change Man, Endevor, File Manager, SPUFI, ISPF, IBM Debugger, Fault Analyzer

➢ Have good analytical, problem solving and debugging skills

Work Experience

Organization	: Deloitte Consulting India Pvt. Ltd.
Duration	: 2 years (24-07-2019 to Current date)
Domain	: Banking and Financial Services
Client	: Wells Fargo

- Project description: Disputes Servicing Portal – Credit Card transactions
  Credit card fraud detection is the most frequently occurring problem in the present world. This is due to the rise in both online transactions and e-commerce platforms. This project aims to focus mainly on validating various Business Rules to Identify whether the transaction happened is Fraud/Genuine and report the same accordingly
  Role   : Developer
  Responsibilities   :
  - Involved in extracting data from various data sources (CSV, AWS RDS, MySQL) into Hadoop HDFS using Sqoop
  - Worked on creating Hive managed and external tables based on the requirement
  - Implemented Partitioning and Bucketing on Hive tables for better performance
  - Implemented the business logic using Spark with Scala to identify the transaction authenticity by integrating with Hive
  - Worked on creating Hbase tables managed by Hive for quick retrieval process
  - Worked on Airflow to develop workflows to automate the data pipeline
  - Worked on Streaming Data from Kafka by passing it to Spark for joining with master Data and mark the transaction as Genuine/Fraud accordingly by validating various Business Rules

Organization	: Deloitte Consulting India Pvt. Ltd.
Duration	: 1.5 years (18-02-2018 to 24-07-2019)
Domain	: Life Sciences and Health Care
Client	: Zoetis

- Project description: Customer Analysis Platform (CAP)
  Zoetis is a global animal health company dedicated to supporting customers and their businesses in ever better ways. As part of this project, client needs to place all the customer related data together at one place which is required for customer service representatives to address the customer queries
  Role   : Developer
  Responsibilities   :
  - To modernize the data platform which comprises all the customer-related information at one place
  - Ingest all the tables data from Oracle to HDFS using Sqoop
  - Worked on creating Hive managed and external tables based on the requirement
  - Implemented Partitioning and Bucketing on Hive tables for better performance
  - Worked on creating Hbase tables managed by Hive for quick retrieval process
  - Process the data based on existing business rules and insert into Hbase tables
  - Worked on Airflow to develop workflows to automate the data pipeline

Organization	: TATA Consultancy services
Duration	: 3 Years 4 Months (17-03-2014 to 17-07-2017)
Domain	: Banking and Financial Services
Client	: American Express

- Project description: Customer inquiry Servicing Portal – Viper W6
  Role   : Developer

Responsibilities   :
- To understand the application and business processes involved
- To perform the impact analysis on new/enhancement requirements
- Design and build the code based on requirements
- To perform the unit test and support the system integration testing
- Change, Incident and Problem management
- Provide support during the project warranty period
- Technologies used – COBOL, JCL, DB2

Achievements/Other Activities

- Received Spot award for contribution to the project activities -Deloitte
- Received Applause award for contribution to the project activities -Deloitte
- Organized a stall for TCS AMEX disputes servicing portal
- Volunteered and organized the OBL event in TCS AMEX

Education

- B.Tech in Electronics and Communication Engineering, GMR Institute of Technology, Rajam – 2009 to 2013 with 83%
- Data Engineering Nano degree graduate from Udacity
- Intermediate in M.P.C stream (B.I.E-AP), Gayatri Junior College, Srikakulam – 2007 to 2009 with 97.3%
- SSC (B.S.E-AP), Arunodaya public school, Urlam – 2007 with 86.5%

Personal Details

Date of Birth   : 15-06-1992   Nationality   : Indian
Passport Number   : K2284900   Marital status: Single

Hobbies/Interests

- Playing Cricket
- Pencil Sketch
- Interested in knowing the latest industry-leading technology trends

Declaration

I solemnly declare that the above mentioned information is correct up to my knowledge and

I bear the responsibility for the correctness of the above mentioned particulars.

Date: 05/07/2021

Place: Hyderabad   **Potnuru Siva**