

Siva Siddaiah Sudarsi

Data Engineer at Accenture
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PROFESSIONAL SUMMARY

- 4+ years of Data Engineer experience in Big data.
- Expertise on Big data, AWS, EMR, Lambda, Glue, S3, Spark, Python, hive, Sqoop, Informatica PowerCenter, Unix shell scripting, oracle, Teradata and Greenplum database.
- Proficient at using Spark API to cleanse, explores, aggregate, transform, and store the datasets
- Extensive work in ETL process consisting of Data Profiling, Data Analysis, Data sourcing, Data cleansing, Data transformation, conversion and loading.
- Experience on RDDs and Data Frames in spark
- Developed mappings in Informatica to load the data from various sources using different transformations like Source Qualifier, Lookup (connected and unconnected),
- Expression, Aggregate, Update Strategy, Joiner, Transaction control and SQL Transformation etc.
- Ability to design and develop applications involving large data using Hadoop ecosystem
- Proficient in understanding business processes/requirements and translating into technical requirements
- Worked on multiple SDLC methodologies which includes Waterfall Approach, Agile Framework.

WORK EXPERIENCE

- Worked as a Data Engineer with **Accenture Services Pvt Ltd**, Hyderabad.

QUALIFICATIONS

- Completed B. Tech in Electronics and Communication from Jntu-kakinada University, Andhra Pradesh.

ACHIEVEMENTS

- Received appreciations from client for delivery excellence.

TECHNICAL SKILLS

Technology Scripting	: Bigdata, AWS, EMR, Lambda, Spark, Python, Hive, Sqoop, Shell
ETL Tools	: Informatica PowerCenter
RDBMS	: Greenplum, Teradata, Oracle
Languages	: SQL, PL/SQL, Python, Shell scripting
Operating Systems	: Windows XP, UNIX.

Project 1:

Project Name: Data and Analytics

Headquartered in Tampa, Fla., WellCare Health Plans, Inc. (NYSE: WCG) focuses exclusively on providing government-sponsored managed care services, primarily through Medicaid, Medicare Advantage and Medicare Prescription Drug Plans, to families, children, seniors and individuals with complex medical needs.

WellCare has developed a full complement of expertise in three major areas of government-sponsored health care: Medicaid, Medicare Advantage and Medicare Prescription Drug Plans. Leveraging our expertise is a key part of the value we bring to our members. We are committed to continually improving the quality of care and service we provide to our members, helping them access the right care at the right time in the appropriate setting.

Responsibilities

- In-depth understanding of Apache Spark Architecture and performed querying using Spark (Core, SQL), RDDs, Data frames, Datasets
- Created AWS transient EMR cluster to run spark application and used s3 for storage of data
- Created Lambda Python functions and AWS Step function to schedule the jobs
- Experience in data ingestion, data transformations, data pre-processing, data exploration and data integration using Sqoop, Hive Scripts.
- using spark-sql implemented the business requirements on data frames and saved end output a file in HDFS.
- Using Hadoop ecosystem to maintain tables in hive database and used Sqoop and shell script to load data from oracle data base to hive environment.
- Involved in all phases of SDLC from requirement gathering, design, development, testing, Production, user training and support for production environment.
- Reviewed and analysed functional requirements, mapping documents, problem solving and trouble shooting.

Project Name: Data and Analytics

ETL/Informatica Developer

Worked for one of the top US health insurance clients. It is a development project which involves construction of a warehouse and migration activities from DataStage and Oracle to Informatica and Teradata data warehouse.

Responsibilities

- Done the analysis on the existing system implemented in ETL DataStage and Oracle data warehouse and migrated to Informatica and Teradata Data Warehouse
- Created Functional design Document(FDD), Source to Target Mapping(STM) Documents and estimation for the code delivery
- Allocation of tasks to the team members and tracking of the tasks every day
- Conducting daily status meetings with onsite

- Documented Mapping and Transformation details, user requirements, implementation plan and schedule.
- Designed and developed efficient Error Handling methods and implemented throughout the mappings. Responsible for Data quality analysis to determine cleansing requirements.
- Worked with several facets of the Informatica PowerCenter tool - Source Analyzer, Data Warehousing Designer, Mapping & Mapplet Designer and Transformation Designer. Development of Informatica mappings for better performance.
- Created reusable sessions, command tasks and consolidated workflows
- Responsible for Performance Tuning at the Mapping Level, Session Level, Source Level and the Target Level for Slowly Changing Dimensions Type1, Type2 for Data Loads

PERSONAL DETAILS

Name : Siva Siddaiah Sudarsi

Father's Name : Prakasam

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Declaration:

I hereby 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:

Signature: