Professional Summary

13 years of total experience in the field of Information Technology

Having 6 years of experience in Big Data and Analytics, Hadoop,Python,Scala,Spark, Sqoop, Hive, Neo4j,Oozie, Autosys,Kafka,TeamCity and Udeploy.

Good experience in Hive partitioning, bucketing and perform different types of joins on Hive tables and implementing Hive serdes.

Strong experience on creating Graph DB using Neo4j ,GraphQL ,HTTP API ,Flask and Python

Strong experience on the various file formats and compression techniques

Having experience on Spark streaming and ANSI SQL.

Having good experience on various AWS Cloud Services.

Experienced in Python Programming,Pandas,Numpy and Scikit-learn libraries

Involved in all phases of the SDLC including requirement analysis, design, coding, testing, implementation and maintenance.Working on projects based on Agile methodology

Having good knowledge on Machine Learning and EDA

Professional Tenure:

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| --- | --- | --- | --- | --- |
| Sr No. | Name of organization | Joining Date | Reliving Date | Last designation |
| 1 | Cognizant | June 2016 | Till Date | Senior Technical Lead |
| 2 | Wipro Technologies | Oct 2010 | June 2016 | Technical Lead |
| 3 | Steria(Xansa) | July 2007 | Oct 2010 | Software Engineer |

Technical Skills

* **Distribution System**: Couldera
* **Programming languages:** Python, Scala,R Programming,Cobol,ANSI SQL
* **Scripting**:Shell Scripting and PySpark,Python,Pandas,Numpy & Scikit learn
* **Data Scheduling**: Autosys,Oozie and Zena
* **Data Extraction**:Spark, Hive, Hdfs, Kafka and Sqoop
* **Test Framework**: PyUnit
* **Cloud :** AWS
* **Tools**:Putty, FileZilla, Github,BitBucket,Hue,TeamCity,Udeploy and SQL Developer
* **DataBase/NoSQLDB** : Microsoft SQL Server, DB2, Neo4j,MySQL
* I**DE** PyCharm,Eclipse,Jupyter Notebook and IBM Data Studio

Certifications:

* Databricks Certified Associate Developer for Apache Spark3.0
* Full Stack Data Science Certified from Jigsaw Academy
* AWS –Solution Architect Certified Associate

Soft Skills

Pro-active and Self confident, People Mangement , Leadership, Excellent Communication skills,Assertive, Quick learner,Zeal to learn new technologies/Process,Team Player.

Professional work experience

Jan 2018 – Till Date

Client **Dun and Brad Street**

Environment **Big Data- Spark 2.1, Python, Sqoop, Hive, Neo4j HBase, Kafka,Flask, and Unix Shell Scripting**

* This project involves transformation of data ingested from various sources with different feed frequency. Data from ingestion layer is moved through staging area to data warehouse layer after application of business logic and scd2.  
  Once data is available in data warehouse layer, a series of pyspark jobs are used to do predictive analysis and populate outbound tables with possible fraudulent transactions.
* Performed analysis on usage of Neo4j for chat-bot enhancement.
* Created classifier model using SVM. Created a search index using Cognitive Search service.
* Created Neo4J python connector service by exposing endpoint for GET request.
* Created custom knowledge graph for DNB customers, and customized chat-bot using python, BigData stack, Graph DB Neo4j Python Driver and database connector.
* Created the helpers,models,Mapper programs for Graph DB
* Involved in creating the Graph Analysis using Neo4j and Media datasets
* Involved in design and code review and bug fixing for improving the performance.
* Designed and developed Kafka to Kafka processing (Ingestion layer to the Integration layer)
* Performed performance tuning and achieved scalability.
* Analysis and Requirement Gathering from the Business Analyst.
* Working on JIRA items assigned and attending daily stand up, grooming and retrospective calls.
* Coordinating and helping the team technically to meet the deadlines.
* Ability to work individually as well as in the Group.

June 2016-Dec 2017 **Enrollment,** **Provider and Authorization and Referal system**

Client **Wisconsin Physician Services,USA**

Environment **Big Data- Spark 1.6, Sqoop, Hive,Python and Unix Shell Scripting**

* Technical Lead experience in planning & execution with Agile Scrum
* Developed Spark programs for the merging of source data into desired output format based on business logic using Spark SQL Lib and Hive HQL queries.
* Worked on data migration from RDBMS to HDFS using Sqoop.
* Data pipeline creation for the ETL processes using Oozie workflows.
* Processing the data in HDFS, analyzing the data, and involved in writing transformation to process data using Spark SQL.
* Improved the performance and optimization of the query by using Partitioning and bucketing in Hive.
* Preparing the Unit / System test plans and executing the Unit / System testing.
* Worked with using different kind of compression techniques to save data.
* Working on JIRA items assigned and attending daily stand up calls.
* Coordinating and helping the team technically to meet the deadlines.

Oct 2010- June 2016 **Credit AMS Development**

Client **Standard Bank of South Africa, Johannesburg**

Environment **Python,Unix Scripting,COBOL, JCL, VSAM, CICS, MQ, DB2, expeditor,** **JAVA Web services, Web sphere MQ,IBM Data Studio**

* Involves in requirements discussion, architectural design meeting in order to evaluate the impact and effort estimation and translate into design documentation.
* Responsible to perform impact analysis on the projects by gathering requirements.
* Prepare detailed design in accordance with functional specification requirements.
* Involves in all the phases of development projects - Functional discussion, Tech Spec preparation, Design document preparation, Coding, Unit testing, defect fix and post production support activities.
* To identify all credit applications that is impacted CIF decommission.
* Delivers all change work packages on time as planned in the project activity schedule.
* Responsible to fix daily batch job abends in production for the development projects involved and to ensure client business will not effect on the next day
* Worked as onsite coordinator for the credit development project in SBSA and assign the work to Wipro Offshore resources.
* Responsible to review the code changes, Test cases & results delivered by offshore.

July 2007- Oct 2010 **Tesco Payroll system for UK/ROI**

Client **Tesco Corporation, U.K**

Environment **COBOL, JCL, VSAM,DB2**

* I was involved in fixing issues in day-to-day job abends and code fixes being raised by payroll users, and supporting the system in 24 \* 7 environments.

Education Background

* M.C.A –Computer Applications from Govt institute Of Technology–Vellore-Anna University