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Santosh N.S ⭐ Featured ✏️

Technical Lead seeking roles in Project Management,Software Development,Application Maintenance,Process Improvement,Requirement Gathering,Debugging,Coding,Requirement Analysis,Hive,JIRA,Agile Master,Spark Core,Spark SQL,Python

Current Designation: Technical Lead	Total Experience: 16 Year(s) 0 Month(s)
Current Company: Infosys	Notice Period: 3 Months
Current Location: Bengaluru / Bangalore	Highest Degree: B.Tech/B.E. [Mechanical]

Pref. Location: Bengaluru / Bangalore,Chennai,Hyderabad

Functional Area: IT Software - Application Programming / Maintenance

Role: Team Lead/Tech Lead

Industry: IT-Software/Software Services

Marital Status: Single/unmarried

Key Skills: Technical Lead,Team Lead,Project Management,Software Development,Application Maintenance,Process Improvement,Requirement Gathering,Debugging,Coding,Requirement Analysis,Root Cause Analysis,Hive,JIRA,Agile Master,Spark Core,Spark SQL,Python

Verified : 📞 **Phone Number | Email - id**

Last Active: 20-Jan-21   Last Modified: 19-Jan-21

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Summary

PMP Certified professional with 16.5 years of experience in IT with over 5 years in Hadoop/ Spark platform and Cloud technology services of GCP and Azure
     Performed design implementation, development, validation activities in line with architecture requirements in Big Data technologies
     Expertise in various industries: Retail, Banking, Insurance and Investments
     Comprehensive experience in designing systems/ procedures for change in project operations to design technical solutions, ensuring business functionality adherence and enhancing competitive advantage
     Experience in analysis practice with proven capabilities in capturing as-is process, preparing functional specifications, & business blueprint document, analysing the gaps
     Developed software solutions by conferring with users, studying systems flow, data usage and work processes

Work Experience

⊙ **Infosys** as Technical Lead
Aug 2004 to Till Date

Project 1: Pharmacy and Optical Data to GCP Platform
Client: Top Multinational Retail Corporation, USA
Duration: Jan'20 to Till Date
Technology: Spark, Scala, GCP
Description:
     The pharmacy and optical data currently in the Pharmacy LOB and Optical Micro Services on Azure was fed into the new Data Store on GCP and all the Operational Reporting was done using Big Table and Analytical Reporting was done using GCP Big Query. Data from Azure Cosmos was published into Kafka topics which were subsequently subscribed and read using Spark dataframes and then written to GCP services. Data from GCP services was then consumed by the Report APIs for Operational and Analytical Reporting
Roles:
     Performing As-Is analysis of the current reporting structure and data movement from Informix to Azure
     Successfully subscribing and consuming data from Kafka using Spark dataframes
Steering transformations as per the business needs using Spark and publishing data into GCP Big Table & GCP Big Query

Project 2: Data Transformation and Integration of Retail Management System
Client: Major Retail Corporation, USA
Duration: Jan'19 to Dec'20
Technology: PySpark, Azure Databricks, Oracle
Description:
The project involved Big Data transformation using PySpark and Azure cloud services to decommission the existing legacy system by replicating all data transactions with minor improvements and enhancements with Oracle RMS using Azure cloud services. Developed pipelines using PySpark in Databricks, created configuration for each pipeline by

parameterizing all the columns in the Config. Module of Databricks scheduled different batch modules using Airflow. Finally ran Airflow jobs to move the transformed data from source to target

Roles:

    Coordinated with clients/ business teams in understanding the requirements and collaborated with the mapping teams to understand the existing mapping and transformations, if any

    Developed data pipeline modules using Azure Databricks using PySpark for transformation

    Successfully used WinScp and SFTP to transfer files from designated storage servers to Azure Blob Storage and also used other Azure services like Blob Storage and Azure Data Factory for intermediate file transfers and storage

    Scheduled the jobs using Airflow, ran Airflow jobs to move the transformed data from source to target and performed data validations

    Collaborated with upstream and downstream teams for seamless project execution and assisted teams with technical and architecture issues

Education

UG: **B.Tech/B.E. (Mechanical)** from **Visveshwaraya Technological University** in **2004**

IT Skills

Skill Name	Version	Last Used	Experience
Spark Core & Spark SQL, Hive, Impala			
Oozie, Sqoop, PySpark, Autsosys			
Airflow, HDFS, MapReduce, YARN			
Scala, Python, UNIX Shell Scripting			
PL/SQL			
Mongo DB, Cassandra, Hbase, Oracle			
DB2, Sybase			
Eclipse, Intellij, Microsoft SQL Studio			
GCP Bigquery			
GCP BigTable, GCP CloudSQL			
GCP CloudShell, Azure Databricks			
Azure Data Factory			
Azure Blob Storage Service,Azure Cosmos			
WINSCP			
GIT, Bit Bucket, TFS			
Putty, Superputty			
JIRA, SharePoint, MS Project, Excel			

Languages Known

Language	Proficiency	Read	Write	Speak
English				

Affirmative Action

Category: General

Physically Challenged: No

Work Authorization

Job Type: Permanent

Employment Status: Full time