

Vishwanath Reddy Kommidi

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Narrative

- I am a graduate student at University of Texas at Dallas (UTD) with major in Social Data Analytics and Research. My specialization includes collection, analyzing and visualization of the data from various research fields. I have 2.8 years of work experience as senior systems engineer in Infosys. During that time, I developed several workflows that ingests data from raw sources like Kafka to Google big tables using Spark, Scala and SQL queries. I also generated reports using data visualization tools (SSRS, PowerBI).

Summary

- 2.5 years of experience in the handling Google cloud platform in various areas like Big Query, Big Table, Dataproc, Storage Buckets, Kafka.
- Designed and developed different format of reports using MSBI tools (SSIS and SSRS) from the data extracted from SQL tables, flat files and Excels.
- Currently Working in Infosys Limited as Senior Systems Engineer.
- Comprehensive problem-solving abilities, willingness and curiosity to learn new technology(s) and work efficiently to fulfill project needs and acquire more knowledge.
- Customer focused and a team player who works efficiently under pressure with no supervision.

Work Experience

Project # 1

Company: Infosys Ltd

Designation: Senior Systems Engineer

Client: Macy's Inc, USA

Project: Macys GCP Support

Domain: Retail

Duration: April 2021 to Present

Project Description:

The client, Macy's Inc. is one of the premier omni-channel fashion retailers. The company comprises three retail brands, Macy's, Bloomingdale's and Bluemercury. Macy's, Inc. is headquartered in New York, USA. We as a team (GCP Support Team) responsible for monitoring the jobs to receive the data from upstream application teams and send the data with required

modifications in the form of reports and files to our downstream application teams and solve any kind of issues when they occur.

Role and Responsibilities:

- Responsible for L2 support for environment and application related issues.
- Handling all priority incidents created by the end users and provide the solution on time via Service Now
- Handling Change Requests and Service Requests.
- Monitoring the jobs in Control M and IBM Datastage (production monitoring tools) to ensure that all systems & applications are running and have as close to 100% availability.
- Analyzing the different databases (Teradata and Big Query) from which the data is loading into the multiple reports and fixing the issues in the reports if any.
- Current operations support is based on primary technologies like Shell scripting, Python and GCP.
- Collaborating across functional teams including Development, Infra, and Operations looking for and implementing changes to facilitate faster deployments.
- Responsible for deploying the script changes in the GitLab with the help of L3 team.
- Handling Certification activities for various applications used by End Users.
- Troubleshooting production issues under client defined SLA's.
- Responsible for preparing weekly status reports and monthly status reports.
- Responsible for maintaining documentation of all solutions to issues and problems.

Project # 2

Company: Infosys Ltd

Designation: Systems Engineer

Client: Walmart, USA

Project: Pharmacy Reporting Modernization

Duration: September 2019 to March 2021

Project Description:

This project is aimed to modernize and enhance the existing Pharmacy reporting data pipelines using GCP services aligning with maintaining the same data formats in the target systems not to impact any reporting downstream systems.

Role and Responsibilities:

- Responsible for development of data pipelines from Kafka environment to GCP environment.
- Utilized Spark and Scala to consume data from Kafka and sync into GCP Bigtable.
- Loaded data into tables incrementally and full load using dataproc cluster in GCP through airflow dags.
- Performed basic data frame operations In spark using Scala.
- Created table schema to load the data into tables from different sources

Project # 3

Company: Infosys Ltd

Designation: Systems Engineer Trainee

Client: Infosys Ltd

Project: Capstone Project

Duration: January 2020 to August 2020

Roles and Responsibilities:

- Performed ETL operations using MSBI by fetching data from various sources like SQL server tables, flat files, Excels.
- Performed various transformations in SSIS like Merge join, union, Aggregate, conditional split, Lookup.
- Designed, built the final reports by applying required data transformations using query designer from the data extracted using SSRS.
- Generated and deployed business reports with tables in the form of data, graph, charts, etc. using SQL Server Reporting Services (SSRS) in the required format.

Technical Skills

- GCP, MSBI (SSRS, SSIS and SSMS), Unix, Shell Scripting, SQL server
- Python, Spark, DBMS, Java, C++.

Highlights

- Promoted to Senior Systems Engineer from Systems Engineer.
- Received Team Quarterly Award (INSTA AWARD) for excellent performance in delivering product.

- Received DNA RISE award for consistent performance and outstanding commitment to work.
- Received merit certificate for securing second rank in Mechanical Engineering during academic year 2016-2017.

Education

Degree	College/University	Aggregate
Master of Engineering in TurboMachinery	Osmania University, Hyderabad, Telangana, India	9.05 (CGPA)
B.Tech in Mechanical Engineering	Sreenidhi Institute of Science and Technology, Hyderabad, Telangana, India	86.6%
Intermediate (MPC)	Sri Chaitanya junior Kalasala, Hyderabad, Telangana, India	98%
S.S.C	Shantiniketan High School, Hyderabad, Telangana, India	88.66%