Kada Sandhya Kumari

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# Summary

A proactive and fast learning individual seeking an opportunity to work as a dynamic Data Engineer in Bigdata with cloud exposure utilizing analytical skills and relevant expertise to help the company achieve business goals while sticking to vision, mission, and values.

# Certifications

* Microsoft Certified Azure Fundamentals AZ-900
* Microsoft Certified Azure Data Engineer DP-203

# Education

* + B.Tech GITAM University 2013-2017

# Skills

* + **Technical:** Unix Shell, Hadoop CDP, Sqoop, PySpark, Python, AWS EMR
  + **Databases:** SQL, Azure SQL, Oracle, Linux, Azure Synapse, Hive
  + **Tools:** Toad, Dbeaver, Streamsets, NiFi, Splunk, Rally, Servicenow

# Professional experience

**Tech Mahindra ▪ Hyderabad ▪ India**

## Senior Software Engineer August 2022- Present

**Project:** MasterCard International

**Description:** Banking sector project dealing with mastercard

**Technical Platform**: Nifi 1.16.0, Splunk , HUE 4, Linux, Dbeaver 7 0.0, Spark 2.1.0

#### Roles & Responsibilities:

* Developing Data Quality checks on Hadoop and Oracle database tables using Nifi and Splunk alerts
* Developing reporting alerts using spark and splunk
* Developing Nifi pipeline for script triggers and scheduling
* Testing in staging prod and deploying code in production environment once development is done
* Developing Python scripts for data quality checks in linux environment.
* Monitoring day to day activities in ALM dashboard via Rally
* Worked on Nifi pipeline enhancements
* Creating threshold , latency and consistency alerts in Splunk

## Tata Consultancy Services ▪ Hyderabad ▪ India

**Software Engineer November 2022- August 2022**

1. **Project:** Humana Healthcare

**Description**: Healthcare related activities and data handling, Business

**Technical Platform:** HUE CDP, Sqoop 2.0, Hadoop 1.6, Spark 2.11, Jupyter notebook on notebook

### Roles & Responsibilities:

* + Working on developing code using HQL for files ingestion, doing unit testing and deploying code on PROD.
  + PROD Cluster consists of CLI and HUE web browser.
  + Scheduling purpose we work on crontab and oozie.
  + For files Ingestion, whose sources are oracle and SQL we implement Hive code in unix scripts
  + Working with Real-Time Ingestions like Spark, Flume Applications.
  + Flexible with Spark SQL and Hive QL
  + Trouble shooting Spark jobs

1. **Project:** Experian

**Description:** Credit reporting company

**Technical Platform**: AWS EMR, S3, EC2, IAM, Ssh shell

### Roles & Responsibilities:

* Using spark framework and developing code on scala IDE.
* Working with Real-Time Ingestions like Spark, Flume Applications
* Flexible with Spark SQL and Hive QL
* Developed POC on Spark cluster using AWS EMR, EC2 & S3 services
* Developed Spark transformations using python on EMR cluster

1. **Project:** Vodafone

**Description:** Ecommerce customer dataset which has to generate specific results for analytical purposes

**Technical Platform:** Ubuntu, Sqoop 1.6, Spark 2.0, Hbase, Hive 1.6

### Roles & Responsibilities:

* Worked on Spark Scala for processing purpose in EMR cluster using SSH
* Worked on AWS EC2 for creating key-value pairs
* Worked on Sqoop for data ingestion purpose
* Worked on S3 buckets for importing and exporting data in spark shell.
* Worked on Hadoop cluster for Hive as the data imported are table
* Flexible with Spark SQL and Hive QL

1. **Project:** Bharat Sanchar Nigam Limited (BSNL)

**Description:** BSNL is an Indian state-owned telecommunications company

**Technical Platform:** Unix shell scripts, PL/SQL

#### Roles & Responsibilities:

* + Worked on Google Device, Hotstar development on Application building for interface between BSNL data and UI, Caching Application into PLSQL database.
  + Worked on Broadband Services and created effective Features that driven the data towards efficient features
  + Currently working on Oracle Database 11.2.0.1 version in Extracting Features, Data and building queries for development and JAVA coding for Integration
  + Scheduling jobs during crontab

1. **Project:** Goodman Fielder

**Description:** Goodman Fielder is a leading regional food company across Australia, New Zealand and Asia

**Technical Platform:** Sharepoint services, Sevrvicenow

#### Roles & Responsibilities:

* Worked on Dispatcher activities which include batch job monitoring.
* Worked on Service Agreement with L1 support.
* Conducted Data Regression analysis for predicting delivery time and fraud detection.
* Worked on tickets and problem solving based on priority.
* Participating various technical sessions
* Playbacks session on migrations