



## Pradyot Mohanty

### International Consultant / Trainer for Azure Data

#### JOB OBJECTIVE:

**Microsoft Azure Data Engineer Associate** and **Microsoft Certified Trainer** with rich experience of 12+ years in big data (Hadoop), Microsoft Azure and SQL Server. With 8+ years and above training experience comprising of on-line, classroom and corporate.

#### SUMMARY:

##### BIG DATA(HADOOP)

- Around 12+ of overall years of exclusive experience on Hadoop & its components like HDFS, Map-Reduce, Yarn, Apache Pig, WOOPRA (Web-Analytic Application), shell scripting, Kafka, and Spark in Scala.
- Created job to export & import data using Sqoop from RDBMS to/from DataLake.
- Worked on automating the Batch Job using shell scripts.
- Developed Spark job to process JSON data in Scala.
- Worked on requirement gathering and analysis, development, testing,
- Production Support, Problem solving & troubleshooting skills.
- Worked on performance optimization of Hive scripts.
- Loaded streaming data to DataLake and process data using Spark Streaming.
- Provided Hadoop and Spark training to the team.

##### AZURE DATA FACTOR

- 8+ years of strong ETL and Data Integration experience of using Azure Data Factory with usage of various basic and advance transformations
- Working experience with BLOB and ADL
- Creation of Azure Data Factory
- Creation of ADF Datasets
- Access and ingest data with built-in connectors
- Schedule, run and monitor your pipelines
- Integrate with different types of data stores to gather information or data.
- Creation and modification of ADF pipelines to execute the data



- Azure environment (PaaS, IaaS) and experience in working with Hybrid model
- Experience in Azure Data Lake
- MSSQL, Cosmos DB and HBase databases
- Transform data using Spark activity in Azure Data Factory
- Invoke Spark programs from Azure Data Factory pipelines
- Used Azure Data Warehouse for injection of the Hadoop files
- Used Azure Databricks for injection of data from various sources

## SQL

- Over 12+ years of IT experience in SQL Database Administration, System Analysis and Support of MS SQL Server in Production, QA, Reporting Services, Development environments & Replication and Cluster Server Environments
- Experience in Installation, Configuration, Maintenance and Administration of SQL Server
- Experience in upgrading SQL Server version
- Good experience with implementing DR solution, High Availability of database servers using Database mirroring and replications and Log Shipping
- Experience in Database Migration Management
- Experience in implementing SQL Server security and Object permissions like maintaining Database authentication modes, creation of users, configuring permissions and assigning roles to users
- Experience in implementing different types of Replication Models like Snapshot, Merge and Transactional on basis of business specification
- Experience in performing integrity checks. Methods include configuring the database maintenance plan wizard and DBCC utilities
- Experience in troubleshooting SQL issues by using SQL Tools, execution plans, Trace, statistics, index tuning wizard
- Experience in using Performance Monitor, SQL Profiler, tracing long running queries and deadlocks.
- Experience in applying patches and service packs to keep the database at current patch level
- Experience in SQL Server Clustering
- Setting up Connection Strings and connecting SQL Server AZURE Databases from locally installed SQL Server Management Studio (SSMS) for Developers

## TECHNICAL SKILLS:

### BIG DATA (HADOOP):



HADOOP ECOSYSTEM	Map Reduce, HDFS, Hive, SQOOP, Pig, Spark, Scala, Kafka
WEB ANALYTICS	WOOPRA
SCRIPTING LANGUAGE	Shell Scripting
NOSQL DATABASE	HBase, Cosmos DB
HADOOP TOOLS	Ambari, Hue

#### SQL:

PROGRAMMING LANGUAGES	C, C++, JAVA and SQL
OPERATING SYSTEMS	Windows XP/Vista/7 and 8
DATABASES	MS SQL Server 2000/2005/2008 R2/2012/2014/2016, Oracle and Unix
SQL SERVER TOOLS	Management Studio, Query Analyzer, Profiler, Performance Monitor, Log Shipping, Replication, Server Network Utility, Database Tuning Wizard, Index Tuning Wizard, Failover Cluster Manager, SQL Azure
DATA MIGRATION	SSIS, SSRS, BCP, Import/Export Wizard

#### TRAINING EXPERIENCE

PROGRAMMING LANGUAGES	JAVA, SQL, Scala, Spark, Python, R, ML, PySpark, Scala Spark
OPERATING SYSTEMS	Windows & Linux
DATABASES	Azure SQLDB, Cosmos DB, MongoDB, HBase
TOOLS	Azure Data Factory, Azure Synapse Analytics, Azure Databricks, Azure SQL
CORPORATE TRAININGS DELIVERED	Tata Consultancy Services (TCS), Imperial Tobacco Company (ITC), Hindustan Computers Limited (HCL), Nuance Transcription Services, Society General, Deloitte, Shell, NIIT, Accenture, Walmart, CGI