BHAVIN TANDEL
B I G   D A T A   C O N S U L T A N T

SUMMARY

Bhavin brings great range of expertise in Hadoop and Cloud technologies varying from building to productionizing data applications. He has consulted various clients to help them achieve their data journey using opensource technologies and managed cloud services.

CONTACT

LINKEDIN:
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CERTIFICATION

- AWS Solution Architect - Associate
- Hortonworks Data Platform Certified Administrator

SKILLS

Data Engineering
Spark, HDFS, YARN, Hive, Kafka, Athena, Glue, Lambda

Devops
Cloudformation, bash

Data Science
Amazon Lex, Sagemaker, CNN, Tensorflow

Programming Languages
Python, Scala

WORK EXPERIENCE

Big Data Consultant, Cloudwick
Mar 2016 – present

Financial Services
- Built streaming ETL application using Apache Spark Streaming and Kafka replacing the legacy system to transform raw data and publishing it to SAP Bank Analyzer.
- Implemented Scala wrapper to push updates to end system with back off retry strategy.
- Implemented watermarking feature for the ETL pipeline using Spark stateful streaming.

Electric Meter Services
- Delivered fully Serverless Reporting application on AWS cloud using AWS Data Migration Service, Glue, Lambda and Power BI.
- Automated the manual excel task by implementing transformations logic in pyspark(Glue).
- Implemented upsert logic to handle the incremental load to form a cleaned final dataset.
- Developed lambda and Glue triggers to schedule the pipelines.
- Operationalized the workflow using Github, AWS Codebuild and Cloudformation.
- Created Power BI dashboards by querying Athena and shared using Power BI Cloud.

Insurance Services
- Designed and delivered data science platform on Hadoop platform using Jupyterhub, Zeppelin, Anaconda and Git.
- Implemented custom monitoring scripts in python for Jupyterhub /Zeppelin and integrated it with Grafana for visualization.
- Worked alongside data engineering team to optimize data ingestion tasks.
- Handled queries by other teams to debug Hive, Spark and Zeppelin jobs.
- Worked alongside SAS team to integrate SAS application with Hadoop cluster.
- Assess the requirements and effort needed to enable platform for sensitive personal data.
- Supported installation and upgradation of the Hadoop Data Platform.

Chemical Producing Company
- Building and configuring secured Hadoop cluster for multi-tenant environment.
- Implemented different security layers using Active directory, Kerberos, Ranger, Knox and Wire Encryption/SSL.
- Deployed Nifi cluster to ingest data from legacy system into Hadoop Data Layer.

EDUCATION

University of Leicester, Leicester, UK (2014 – 2015)
Master's in Data Analysis for Business Intelligence

Maharashtra Institute of Technology, Pune, India (2009 – 2013)
Bachelor's in Electronics and Telecommunication Engineering