**Ashish Kothapalli**

***Data Engineer***

**Mail: in.data89@gmail.com**

**Phone: (971)570-7413**

**PROFESSIONAL SUMMARY:**

* 4+ years of overall IT experience working with storage and data analysis tools making use of cloud technologies.
* Proficient in Azure data services including Azure Data Factory, Azure Databricks, Azure SQL Database, Azure Cosmos DB, Azure Blob Storage, and Azure Synapse Analytics
* Experience working with **Databricks** (notebooks, Delta Lake, pipelines)**.**
* Hands on experience in developing SPARK applications using Spark tools like RDD transformations, Spark core, Spark Streaming and Spark SQL.
* Experience working with python framework (Pandas, NumPy)
* Working knowledge of **Amazon’s Elastic Cloud Compute** (EC2) infrastructure for computational tasks and Simple Storage Service (S3) as Storage mechanism.
* Setting up and integrating **Hadoop ecosystem tools** – **HBase, Hive, Sqoop etc**.
* Hands on experience in writing **Spark SQL scripting.**
* Experience with creating pipelines, SQL querying and Data ingestion on **Databricks.**

**TOOLS AND TECHNOLOGIES:**

**Databases**: SQL Server, MySQL, Oracle SQL Server, MongoDB, Cassandra.

**Data Visualization Tools**: Tableau

**Analytics Tools**: AWS Glue, AWS Athena, IAM, S3, EC2, GCP BigQuery, Cloud Storage, Databricks

**Programming Languages:** Python, NoSQL, Scala

**Integration Tools:** Git

**Big Data Ecosystem**: HDFS, MapReduce, PySpark, Hive.

**Operating System**: Linux, Windows

**PROFESSIONAL EXPERIENCE:**

## Client: TCS, Hyderabad Feb ‘ 19 – April`22

## Role: Data Engineer

**Project:** Create data pipeline for ingestion, process, storage and access to meaningful insurance and claims data for various needs of business, from basic reporting to complex analytical problems.

**Responsibilities:**

* Developed **ETL** data pipelines using **Spark**.
* Responsible to ingest data from file streams and databases. Process the data with SQL databases, PySpark.
* Create **Pyspark** data framesfor analysis.
* Worked on RDD`s and related functions to work on partitioned data.
* Worked on reading and writing multiple data formats like **JSON**,**ORC**,**Parquet** on **HDFS** using **PySpark**.
* To implement and maintain the **ETL** (Extraction, Transformation, used to develop the jobs/Cleansing) Process using **Data** **stage**.
* Worked on building pipelines on **Databricks** to capture streaming data and load it into data warehouse.
* Worked on NoSQL databases like **Cassandra.**
* Performed data analytics on DataLake using Pyspark on databricks platform.
* Monitor data flow and maintain the data pipeline on **Databricks.**
* Perform Analytics on data extracted from different sources in Databricks.

**Environment**: Spark, Python, NumPy, Databricks, SQL, Cassandra, Pyspark, Databricks

## Alp Consulting, Hyderabad Oct ‘18 – Jun ’ 20

## Role: Jr. Data Analyst

**Project :-** Data extraction from SQL database and cleaning the extracted data using Python library, Pandas and loading the cleaned data to MySQL database.

**Responsibilities:**

* Used **Sqoop** to ingest data from relational databases.
* Provided technical assistance and data support for new incidents - both technical capability and business issues.
* Performed basic exploratory data analysis with **Pandas** and analysis using seaborne.
* Performed data extraction using SQL queries to extract useful data.
* Performed statistical calculations using Python **NumPy** library.
* Knowledge of **cloud data storage** (Azure Data Factory, Azure Blob Storage, Synapse Analytics, Azure AD, Azure SQL, Databricks).
* Used Jenkins as a CI/CD tool to deploy.
* Participate in the Agile meetings to discuss the daily progress.
* Intermediate working knowledge on MS Excel for data analysis.
* Provided data analysis to either support or oppose proposed system.
* Responded to queries either in person or over the phone.

**Environment**: Sqoop, Jenkins, Python, NumPy, MS Excel, SQL, Pandas, Azure cloud technologies

**Client: IBM, Bangalore Feb` 17 – Sep’ 18**

**Role:** TECHNICAL ANALYST

**Responsibilities:**

* Engage in technical analysis of software problems using problem determination / problem source.

identification skills

* Focus on customer satisfaction by managing client relationships and effectively communicating status.

and action plans.

* Collaborate across teams. Utilize technical and negotiation skills to work with team members in

development, operations, and support to jointly diagnose problems.

* Worked on Tableau -Business Intelligence and Analytics tools for connecting to data, creating and

managing data sources, Filtering, Actions, and types, formatting data, building Views, Maps, Dashboards

publishing data etc.

* Take care of queries from the internal employees as the internal IT and resolve them via calls & emails.

Have cross meetings with other teams to discuss and put forth possible solutions for recurring issues.

* Use Service-Now as a CRM ticketing tool to manage, create and retrieve user records.
* Create an agile environment and techniques to ease the ITIL process.
* Monitor incidents and problems raised via the support desk software; assess for service level

agreement adherence and intervene with appropriate action.

* Work with support teams onshore and offshore.
* Personally, manage major and significant incidents and act as an escalation point to ensure timely

resolution of incidents within expectations and SLAs.

* provide request fulfillment and/or allocate incidents to other members of Technical Run Services via a

structured escalation path.

* Take care of escalations directly from the client and give a timely resolution.
* Handle a team of six and manage day to day tasks.
* Assign tasks to the team members and ensure on time resolution.
* Report to the sector lead on the team`s performance and deliver the daily report.

**Education:**

* Bachelor`s - Sri Bhagwan Mahaveer Jain College – Biotechnology - 2010
* Master`s – St. Aloysius College of Management & Technology – Bioinformatics – 2013
* Master`s – Wright State University, OH – Industrial Engineering - 2016