

ACHINTA MONDAL

Consultant Data Engineer

"As a seasoned Cloud Data Engineer with a strong foundation and a total of 5+ years of experience with 3.5 years of hands-on experience in the realm of data engineering, enhancing data processing and insights through expert use of Azure Data Engineering and PySpark. Demonstrated leadership in streamlining operations by 40%, showcasing strong technical acumen and team collaboration skills.. Committed to optimizing data workflows and ensuring robust data governance."



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WORK EXPERIENCE

Azure Data Engineer PWC India

07/2022 - Present Kolkata, India

Azure Data Factory, Azure Synapse, Azure Databricks, Azure SQL DB, Azure Data Lake, Azure Logic App, Azure Function, Azure DevOps, PySpark, Python, SQL

Achievements/Tasks

- Have good experience working with Azure BLOB and Data lake storage and loading data into Azure SQL Synapse analytics (DW).
- Have good experience in creating pipeline jobs, scheduling triggers, Mapping data flows using Azure Data Factory(V2) and using Key Vaults to store credentials.
- Worked on different file format like JSON, Parquet, Avro and CSV.
- Streamlined batch processing times by 40% by implementing parallel processing in Azure Data Factory.
- Managed a team of junior engineers and provided technical training in Azure services, boosting productivity by 30%.
- Worked on existing spark application performance tuning.
- Wrote SQL Queries using Joins, Sub Queries and various analytical functions to retrieve data from database.
- Develop Py spark and spark SQL code using Azure Databricks for data extraction, transformation, and aggregation from different data source and for multiple file formats to uncover insight into the customer usage patterns. Used databricks unity catalog to manage and govern data.

Data Engineer Tata Consultancy Services

02/2020 - 07/2022 Kolkata, India

Cloudera, Pyspark, Hive, HDFS, Sqoop, Nifi, Python, Map reduce, Git, Jenkins

Achievements/Tasks

- Converted more than 100 SAS scripts into Pyspark.
- Strong experience using HDFS, MapReduce, Hive, Spark.
- Deep Knowledge of troubleshooting and tuning spark applications and Hive scripts to achieve optimal performance.
- Experience in developing Spark application using Spark RDD, Spark-SQL and data frame APIs.
- Interacted with data residing in HDFS using PySpark to process the data.
- Transformed raw data into valuable insights through data processing and visualisation, enhancing executive decision-making.

Application Support Engineer Tata Consultancy Services

12/2018 - 02/2020 Kolkata, India

Azure AD, Azure Web Apps, Azure API Apps, Container Service, Azure Data Lake Storage, Azure Functions, Azure Logic Apps, AKS, Docker

Achievements/Tasks

- Experience maintaining & administering docker and Kubernetes.
- Well versed in leveraging following some or more Azure Services: Azure AD, Azure Web Apps, Azure API Apps, Container Service, Azure Data Lake Storage, Azure Functions, Azure Logic Apps, AKS.

SKILLS

Azure Data Engineering Azure Databricks
Azure Data factory Azure Synapse Big Data
Azure Data Lake Azure Function
Azure Logic App Azure SQL DB Python
Py Spark SQL ETL Git/Azure DevOps
Microsoft Fabric AWS GCP

PROFESSIONAL CERTIFICATIONS

Google cloud Associate Cloud Engineer (GCP ACE)

Microsoft Certified Azure Fundamentals (AZ-900)& Data Fundamental (DP-900)

Microsoft Certified Azure Associate Administrator (AZ-104)

Google cloud Professional Data Engineer (GCP PDE)

Microsoft Certified: Azure Data Engineer Associate (DP-203)

Databricks Certified Data Engineer Associate

EDUCATION

UG, BACHELOR OF TECHNOLOGY (IT)
(06/2014 - 06/2018)

- GOVERNMENT COLLEGE OF ENGINEERING AND TEXTILE TECHNOLOGY, SERAMPORE/MAKAUT SERAMPORE, W.B. , India

HIGH SECONDERY (06/2012 - 07/2013)

- MEMARI V.M INSTITUTION(UNIT-II)

ACHIVEMENTS

On the Spot (team) Award

Received from Delivery Admin for supporting and contributing to the business on overall improved quality deliveries.

Letter of Appreciation

Received from the manager for successfully achieving the desired outcomes and for providing a well-developed solution.