Monika Tiwari

Data Engineer

Experienced Data Engineer with over 3 years of experience in Azure Databricks, Spark, Hive, Python, Sqoop, Scala and Pyspark.

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WORK EXPERIENCE

Data Engineer
Tata Consultancy Services

01/2019 - Present
Achievements/Tasks

- Migrated jobs in hadoop (**Hive**) to Azure Databricks using **Spark with Scala**.
- Performed modifications and enhancements to the Azure Databricks job as per user's requirements.
- Created **Pipelines** to trigger the job created in Azure Databricks and monitored the job.
- Added optimized queries in spark sql on delta tables to improve the performance.
- Created **shell scripts** to extract the hadoop data files and then copied the data files to **ADLS**(Azure Distributed File System) and created **delta tables** using ADLS data files.
- Used **Sqoop** to import data from oracle DB.

Chatbot developer
Tata Consultancy Services

03/2018 - 12/2018
Achievements/Tasks

- Developed chatbots like FAQ chatbot, Hotel booking, Weather bot, Hospital Reception bot, Multilingual bot. using **Kore.ai**, **Wit.ai** and **Amazon Sumerian**.
- Optimized user time by 30% using FAQ chatbot over calls and emails.
- Integrated bots with **Facebook** and **Telegram** and enhanced average customer reviews.

Data Analyst (Trainee)
Cavisson Systems

08/2017 - 02/2018
Achievements/Tasks

- Analysed the data and solved the data discrepancy problems.
- Monitored the job.
- Performed unit testing to validate the data.

EDUCATION

B.Tech in Computer Science and Engineering
Greater Noida Institute of Technology

08/2013 - 06/2017
Courses

- 73.8%

SKILLS

Azure Databricks   Spark   Hadoop   Python   Shell Scripting   Scala   Hive   Sqoop   Pyspark   Azure ADF   Firebase   SQL   Git   Agile   Jira   Pyspark

ACHIEVEMENTS

• Received On The Spot Award won TCS gems for performing good in team.

• Received first prize and best team appreciation note in Business Skills presentation at ILP.

• Managed technical event at college as a Senior Technical Coordinator.

PERSONAL PROJECTS

Twitter Sentimental Analysis
- Sentiments were calculated based on tweets and retweets of users about a certain product.

TRAINING

• Trained in Hadoop at HPES (HP Education System).