Deepak Shivani

Data Engineer

Relevant experience: **3 years**

Total experience: 3 Years

📞 +919993883717

✉️ deepakshivani1234@gmail.com

📍 Bangalore

Work Experience

STL Digital
Apr 2023 - present

Data Engineer (Client - Adobe)
- Working as a data engineer on an internal tool "Relay" which is used as a test automation tool for other Adobe products.
- Created ETL/ELT jobs for generating customized dynamic reports of test results, and daily/monthly cost or resource utilization.
- Implemented OpenCV for image-based validations, ALS for recommendation of test steps, and clustering for user segmentation.
- Worked on designing and migrating the workload from mongoDB to S3.
- Worked on the creation of a central dashboard for this tool for getting unified view of many dimensions.

STL Digital
Oct 2022 - Apr 2023

Data Engineer (Client - IBM)
- Worked on IBM Watson which is a Digital assistant for repetitive tasks.
- Create Data Pipelines where the data was extracted from API, and after the required transformation, it was served to users through Watson.
- Provided the validation checks for input and extracted data, so the quality of data is maintained.
- Did some POC on NLP for getting different tokenized words for utterances for Watson skills.

TCS
Aug 2021 - Sep 2022

Automation Engineer
- Designed and implemented test automation framework for the Mobile and desktop using Appium, Selenium, Java, and TestNG.
- Created TestSuites using Maven and configure Jenkins for automated daily build verification runs.
- Implemented Email-based notification alerts for the results of triggered testsuite for reporting.
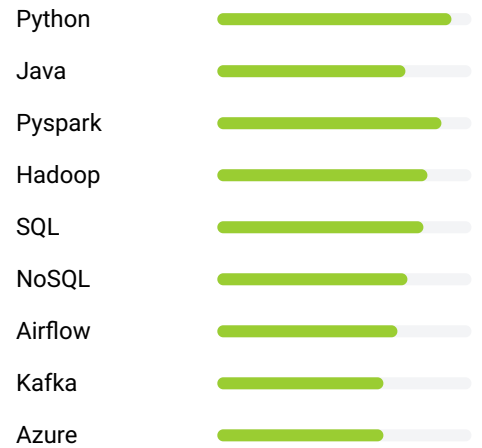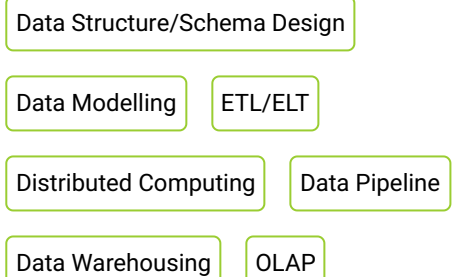
TCS
Sep 2020 - Jun 2021

Data Engineer (Client - Adobe)
- Monitored and maintained Azure data factory for daily ETL jobs.
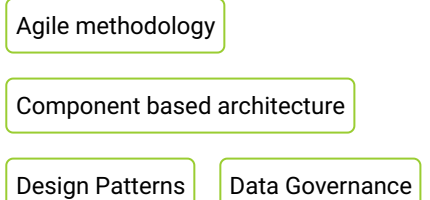- Written transformation code for batch jobs as per the requirements.

Key Projects / Involvements
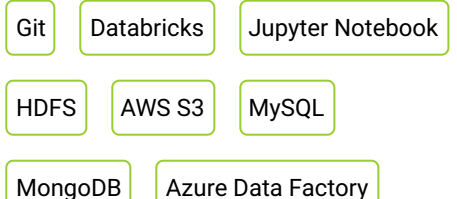
- Created a Telegram chatbot using OpenAI's GPT3 model to get responses of the model. Hosted the backend of the chatbot on Heroku.
- Created a COWIN vaccination slot notifier using Python, COWIN API, and dataset available for notifing the user whenever a slot is available for vaccination.
- Created ETL project. Extracting the data from HDFS, and processed it using Pyspark, and then writing the data to MySQL for further analysis

Certificates and Awards

- Certified Microsoft Azure Data Engineer
- Awarded with three "On the Spot" awards while working with TCS.
- Awarded with "Customer Delight" award while working with STL Digital.
- Completed and Earned Udemy certificates on Pyspark and Data Technologies.
- Earned 5 Star ranking for python and SQL on Hackerrank

Summary

I am a certified Azure Data engineer having 3+ years of experience in data technologies and exposure to distributed processing. I design and develop data app using the latest technologies to deliver the product with quality code.
Portfolio Website

Technical expertise

Skill	Level
Python	████████░░
Java	██████░░░░
Pyspark	████████░░
Hadoop	███████░░░
SQL	███████░░░
NoSQL	███████░░░
Airflow	███████░░░
Kafka	██████░░░░
Azure	██████░░░░

Skills / Exposure

Data Structure/Schema Design

Data Modelling   ETL/ELT

Distributed Computing   Data Pipeline

Data Warehousing   OLAP

Methodology/Approach

Agile methodology

Component based architecture

Design Patterns   Data Governance

Tools

Git   Databricks   Jupyter Notebook

HDFS   AWS S3   MySQL

MongoDB   Azure Data Factory

Education

Bachelor of Engineering - ME
SIRT, Bhopal   Aug 2016 -Aug 2020