Mahindru A

Data Engineer, 3+ years experience
Gurugram, India
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I am passionate about implementing data engineering solutions to solve complex big data problems and make a positive impact on the healthcare infrastructure as well as society. With a background in computer sciences engineering from Delhi Technological University (formerly DCE) , I bring a thoughtful, innovative & analytical perspective to my work that allows me to develop innovative solutions that drive business success.

INDUSTRIES: Healthcare

TECHNICAL SKILLS

• C++	5 years & 8 months
• SQL	4 years
• SQL MySQL	4 years
• Python	4 years & 6 months
• Azure Data Bricks	3 years & 8 months
• Azure Data Bricks	3 years & 8 months
• Hadoop	2 years & 3 months
• Pyspark	2 years & 4 months
• Spark	2 years & 6 months
• Unit Testing	1 years & 2 months

SOFT SKILLS

Communication, Teamwork, Problem-solving, Critical thinking

PROJECT DETAILS

• RxStream Mirror September-2020 - March-2021

Project Description: Replicate on-prim kafka messages in kafka topics to Azure Eventhubs, just by coding in Golang and deploying the code's image via docker and kubernetes
Responsibilities: Optmization of the code, and development of the working model
Technologies: Docker, Kubernetes, Helm, Golang
Industry: Healthcare

• OptumRx July-2022 - February-2024

Project Description: Collaborating with cross-functional teams (Ireland Retail-IT Rx Business) to understand their data requirements and design appropriate data models, architectures, pipelines, and deploy the respective data product within aggressive timelines, following the security practices (EIS approved) .
Responsibilities: Implemented data mesh architecture on Azure using Scala & Pyspark in Databricks and Data Factory to create Data Products, additonally developed features to add resilience, auto-recovery and alerting mechanisms via ServiceNow APIs, Logic Apps and Data Factory.
Technologies: Spark, Pyspark, Scala, Databricks, SQL, Devops, Azure
Industry: Healthcare

EMPLOYMENT HISTORY

• Software Engineer

Description: • Collaborating with cross-functional teams (Ireland Retail-IT Rx Business) to understand their data requirements and design appropriate data models, architectures, pipelines, and deploy the respective data product within aggressive timelines, following the security practices (EIS approved) . • Standardized ETL process to create Netezza Products using Spark & Airflow, reduced data footprint by 99% • Migrated and maintaining 300TB data from Netezza and 35k+ tables from DB2 iSeries data to HDFS. • Implemented data mesh architecture on Azure using Scala & Pyspark in Databricks and Data Factory to create Data Products, additonally developed features to add resilience, auto-recovery and alerting mechanisms via ServiceNow APIs, Logic Apps and Data Factory. • Automated Unit Testing framework for any enhancement to the data product delivery process, by adding apt artifacts and configs in CI/CD pipleine in Azure Devops, Jenkins, writing testcases in Python.

EDUCATION

• Bachelors degree in Computer Engineering from DTU 2016 - 2020

LANGUAGES

• English - native

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