

Shivaji Nagar, Pune

9665237473

nachiketraajput44@gmail.com

<https://in.linkedin.com/in/nachiket-rajput-4950b3170>

Nachiket Rajput

Professional data engineer with around 3 years of experience in industry development projects. Involved in various projects that give hands-on Azure services such as Azure Databricks, Azure Data Factory, Airflow, Azure Data Explorer, Azure Data Lake, Microsoft SQL Server, SQL DB, Power BI, Qlik, etc. Have strong leadership, problem solving skills and seeks for similar profile.

EDUCATION

B.Tech. in Information Technology

College Of Engineering, Pune-Pune

07/2016 - 05/2020

SKILLS

Functional Skills:

Azure Devops

Github

Technical Skills:

Python

Data Structure

SQL

NoSQL

Spark

Azure Data Factory

Databricks

ADX

Airflow

Cosmos DB

Power BI

Logic Apps

Delta Tables

UPL Limited

08/2022 - Current Data Engineer Mumbai, Maharashtra

Created development setup with Azure resources which includes Azure Data Factory, Databricks, Airflow, SQL DB, ADLS, etc. along with VM setup with SHIR.

Designed and developed ETL framework for Manufacturing and Commercial data use cases from UPL plants.

Developed an efficient and generic data pipelines framework with a different level of storage such as Landing, Mirror, Curated, and Consumption layers of data lake architecture.

Developed automated table-level access control setup on the delta lake.

Introduced Manged Airflow as an orchestration tool to set up a dependency between ADF SAP extraction pipelines, Databricks transformation pipeline, Logic apps alerting, and Qlik dashboard refresh.

Bajaj Finserv

08/2020 - 07/2022 Data Engineer Pune, Maharashtra

Developed data pipelines to create an application layer in Cosmos DB using structured data available in the Data warehouse as well ADLS.

Designed a data pipeline architecture for master data load in Cosmos DB along with a logging mechanism. Based on the logs, have created the email/kaizala alerts as well as Power BI report to monitor the execution.

Automated data load pipelines for data loads in ADX (Data Explorer) from different sources such as SFDC, Kafka, ODS, etc. which are near to real-time.

Utilized Spark in Python to distribute data processing on large datasets to improve ingestion and processing speed.

Developed data pipelines for notification-related data in Bajaj Finserv mobile application and created a Power BI dashboard for monitoring data pipelines and execution logs.

Developed and refined reporting tools and interfaces for different KPIs to increase transparency and boost performance.

IIT Bombay

📅 05/2019 - 07/2019

📁 Research Intern

📍 Mumbai, Maharashtra

Medical image classification of Cancer images with BreakHis and Bach dataset by applying regularisation techniques over transfer learning.

Image classification using Siamese network.

Made analysis on company profile image dataset using One-Shot learning of Siamese Network.

Academic projects

● Political Orientation of Person using twitter data

Prepared a dataset of political leaders as well as Party Influencers by extracting tweet data using Twitter's developer API.

Have used the dataset to develop a system for the sentiment analysis of the political views of people supporting different parties.

Developed front-end UI using Flask framework to use the application.

● Chrome extension for COVID-19 patient's statistics

Integrated free COVID-19 government API with Python application.

Developed the chrome extension which gives COVID-19 patients statistics in your area based on the geo-location of the system.

● College Timetable distributed project - taasika

Made feature enhancement in the existing timetable structure.

Added the role-based login system which connects to LDAP accounts of college users.

● Data Compression Using Huffman Algorithm

Exploration of different file compression algorithms.

Developed an application with data structure to compress the data file using the Huffman algorithm.

Achievements

- Recognized with outstanding feedback in annual performance appraisal
- Top ranker in 12th board
- Overall first in College in 11th Std.
- Got scholarship in 7th and NTSE in 8th.