

Udit Sethia

Senior Data Engineer

Data Engineer with extensive experience in designing and developing Big Data systems to provide an enriched Analytics Platform. Expertise in conceptualising and implementing data pipelines. Responsible for converting data into informational insights, helping the organization to make data-driven decisions. Experienced industries includes Banking, Insurance, Marketing & healthcare.

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📍 Calcutta || Bangalore, India

📅 16 May, 1996

WORK EXPERIENCE

Data Platform Engineer (Consultant) Nerdwallet, Inc.

05/2022 - Present

Remote

- Building the Marketing Data platform for Nerdwallet's Performance marketing team. Designing the data flow architecture, improve on the business solution model, implementation of scalable solutions agreed across 20+ verticals. Standardising the schema across partners and making the DW harmonious for the Data Science application.

Senior Data Engineer ZS Associates

07/2022 - 01/2023

Bangalore, India

- Designing the Data Model, Developing the Data Fabric on Denodo for a Study Site mapping project. Additional technologies used Airflow, and Databricks to integrate various source system to procure the data.
- Used various types of Data like Fastq files and other genomics and proteomics data to build a multiomics dataplatform.

Associate Data Consultant ITC Infotech

06/2019 - 07/2022

Bangalore, India

- BlackRock : Designing, creating and maintaining the End to End ETL pipelines to generate reports for InfoSec Project. To later feed in data to Aladdin, more than 36 Partner portal data were considered.
- Date: 08/2021 - 07/2021
- Santander Bank: Implementation of the Golden Architecture work flow design for 5 banking projects. Data cleansing, Data tuning, implementation of optimised joins, Managing Data Skewness. Preparation of Data warehouse. Project code base migration from spark 2 to spark 3. AQE Implementation. Technology: Spark, Scala, GitLab, Jenkins CI/CD, Hive, Impala, Hue.
- Date: 08/2020 - 08/2021
- Coca-Cola European Partners (CCEP): Convert an alteryx workflow of Matching Algorithm into Py-Spark codeDeployed the python files on Azure Dev Factory, Data sourced from Azure Data lake, ingested to Databricks tables, transformed and Loaded back into Azure data lake from data bricks tableUsed SIDRA application for scheduling the ETL Jobs and worked across 9 European markets
- Date: 02/2020 - 08/2020
- PIB Data Migration Project: Worked on a Data migration project, where data from SQL server to Hive tables had to be pushed using scdType1 implementation with Spark.
- Date: 06/2019 - 02/2020

SKILLS

Spark

Snowflake

Airflow

Python

Scala

Data Architecture

Databricks

SQL

Java

Azure

AWS

Hadoop

Big Query

Looker

Git / Bit bucket

Jenkins

Hue-Hive

Impala

Segment

Kafka

Monte - Carlo

Terraform

Data Ops / ML Ops

Data Governance

EDUCATION

Jadavpur University (08/2015 - 05/2019)

- B.E. in Information Technology 8.13 CGPA / Final Project point : 10

CNN based Logo detection (11/2018 - 07/2019)

- A brand logo recognition system using deep Convolutional Neural Networks (CNN). To detect and identify a logo of a brand in an image, and further classify them.

Intrusion detection system (05/2017 - 07/2017)

- A research work based on Intrusion Detection System in Computer Networks. Implementing and learning the CANN algorithm. Involving Machine Learning technique (KNN algorithm and K-Means Clustering Algorithm).

INTERNSHIP AND WORKSHOP

Goldman Sachs Summer Intern (05/2018 - 07/2018)

Created an application auditing application using react and redux to revamp the existing application. Connected the endpoints and helped the business teams to have a seamless experience

Conducted Workshop on Android Development (12/2018 - 01/2019)

Conducted a 7 day workshop based on application development. Using Firebase as well as the R-DBMS concepts. Along with this a Product to deal with medical solutions was built by my team

INTERESTS

Strategy Building

Probability & Risk analysis

Enterprise Architecture & planning

Statistical Aanlysis

Graph Theory - Solution mapping

Number Theory

Macro Finance

Equity, Currency & derivatives Trading