

# Nakul Daf

## Data Engineer

As a data engineer with one year of hands-on experience, I hold global certification as an Azure data engineer. I can design and build scalable data structures and pipelines. I am proficient in SQL, Python, and ETL processes, and I have a solid understanding of data modeling and warehousing principles. I am able to create scalable ETL/ELT procedures since I have experience in Snowflake's fundamental capabilities, which include Time Travel, Zero Copy Cloning, Stream & Tasks, star schema, and snowflake schema.



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## EXPERIENCE

### Ethical Hacking Intern Internship Studio

01/2022 - 07/2022

#### Tasks

- Solved the vulnerable labs of Portswigger Labs.
- Critical vulnerabilities were discovered by creating a realworld web application in the form of an online bank portal with Netsparker and generating a report on it.
- By submitting a report, screenshots, and video, I explored the website and discovered flaws.

### Big Data Trainee Inferenz Technology

11/2022 - 12/2023

#### Achievements/Tasks

- Implement Data Validation, Quality Checks, Profiling
- Involved in import data from various RDBMS into HDFS using Spark which includes Incremental Load to populate Hive External Table and vice-versa.
- Involved in import data from various RDBMS into Hive Tables which includes Queries using Spark.
- Designed both Managed and External Hive Tables and Defined static and dynamic partitions as per requirement for optimized performance on production datasets.

## EDUCATION

### Bachelors in Engineering Amravati University

2019 - 2023

CGPA - 8.07

#### Courses

- Computer Science & Engineering

## SKILLS

Python

Hadoop

Snowflake

ETL Tools

MySQL

Oracle19c

Apache Spark

Snow pipeline

SnowSQL

DWH

Git

AWS

Redshift

Azure

ADF

## PROJECTS

### Snowflake Data Warehouse Implementation

- Design and implement scalable and efficient data storage solutions using Snowflake.
- Design and implement scalable and efficient data storage solutions using Snowflake.
- Integrate Snowflake with various data sources and third-party tools.
- Ensure data security and compliance with industry standards.

### Assessing Vulnerabilities

- We used the Kali Linux operating system for assessing vulnerabilities in given targets. Targets like websites having back doors were given to us and we had to find and fix the vulnerabilities to make the targets more secure.

## ACHIEVEMENTS

### Continuous Learning and Skill Development

Actively participated in training programs to enhance skills in relevant technologies and tools, staying updated with industry trends and best practices.