

Samhita Das

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Summary

1.5 years of experience in Python Development and Data Management. Experienced in automation of tasks using Python. Experienced in writing SQL queries, stored procedures, tables, views, triggers in Oracle. Also experienced in working with Hadoop clusters.

Skills

- Python
- PL/SQL
- Hadoop
- Hive
- Oracle
- Unix
- HTML

Achievements

- Authored the chapter 'Partial Face Recognition using Image Fusion' in the book 'The Internet of Everything'.
- Gold Medalist and Top 2% in NPTEL - Cryptography and Network Security course (2018) - IIT KGP.
- Silver Medalist in NPTEL – Introduction to Machine Learning(2019) - IIT KGP.
- Secured Rank 1 in Freshers' Training in Capgemini Technology Services (2018).
- Ankan Bivakar (5th Year Degree) in Painting.

Experience

Python Developer

Capgemini Technology Services – August 2018 – Present

Responsibilities:

- Automation of Data Ingestion using PySpark.

Ingestion of data from a number of different sources to their respective target tables in Hive, in a Hadoop Cluster. Performing validation and data cleaning in the process of loading data from source to target (for the next layer).

- Automation of Data Validation for Flat Files.

A main file containing a number of different sheets, each sheet containing field names and the field rules for the file was used to convert each sheet into a file and validating the file on the click of a button, with appropriate comments and highlights, after the data stewards enter and save the data.

- Database Migration from Oracle to PostgreSQL and vice-versa using Python.

Migrated the database objects such tables, indexes and PL/Sql procedures maintaining the relationships among the tables. Worked with Python IDE- PyCharm for the development of code. Worked with Oracle Developer and PgAdmin.

PL/SQL Developer

Capgemini Technology Services

Responsibilities:

- Enhancement of codes as part of Work Order and as part of Jira, using Oracle Developer.
- Testing and deployment of codes in Dev, Pre-prod and Prod environment.
- Analyzing the root cause of incidents using Unix, Putty, WinSCP and Oracle Developer.
- Hosting client calls to discuss about the advancement made in each day.

Certifications

- Certification in Introduction to Machine Learning - NPTEL IIT KHARAGPUR
- Certification in - Foundations of Data Science: Computational Thinking with Python from UC Berkeley (2019) (Edx).
- Certification in – R Programming – John Hopkins Academy (2019) (Coursera).

Education

Techno India College of Technology, Kolkata
Bachelor's Degree in Information Technology
2014-2018

CGPA
9.18/10