

ABHIJIT DANDPAT

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Objective

Having **5+ years of IT experience in data analytics projects**. Experienced in migrating on premise data (ETL) to Google Cloud Platform using various cloud native services. Ability to learn and adapt quickly. Self-starter who can prioritize in order to meet deadlines. Wish to work in a position where I can apply my knowledge and skills for continuous improvement, as well as to fulfill clients' needs.

Professional Summary

- Involved in understanding the Application and implementing the business logic.
- Experience in implementing **Object-Oriented Python**.
- Worked with Relational Databases (RDBMS) **MySQL and PostgreSQL**.
- Hands on Experience on IDE's Like **Pycharm**.
- Worked on **Bigquery** of Analytical purposes and **CloudSQL** for transactional purposes.
- Experience with **Linux** Operating System.
- Experience with Version Control tools like **GIT**.
- Working experience in **Google Cloud Platform(GCP)**.
- Experienced in developing web applications using **Python, Django**.
- Thorough understanding of the entire **Software Development Life Cycle**.
- Involved in **Agile** Methodologies and **SCRUM** process.
- Ability to handle multiple tasks and work independently as well as in a team.
- Proactive, dedicated, zeal to learn new technologies and tools.
- Excellent **communication**, organization and **interpersonal** skills.
- Actively participate in the client meetings, business understanding and deliverables.

Education

Parala Maharaja Engineering College, Odisha
B.TECH - ELECTRICAL ENGINEERING
8.15 CGPA

2014 - 2018

Technical Skills

- Python, Django
- Database - PostgreSQL
- Libraries - pandas, numpy
- Cloud Platform - GCP
- HTML, CSS, JSON, Terraform
- Source code management tool / Version control tool - GIT
- Continuous Integration Tool - Jenkins
- Operating system - Windows, Linux

Project Summary

Project –
Verizon -
HCL Dec,2022-present Role: Senior specialist GCP-Data Engineer

Roles & Responsibilities:

- Used Airflow to build ETL solutions for different source systems within the project
- Created real time data pipeline to collect the data on potential network users, so that augmented list of users can be prepared using machine learning algorithms.
- Communicated with business departments to understand needs and requests in order to build data pipelines for analyzing technical issues.
- Designed the infrastructure required for optimizing extraction and transformation of data from AWS to GCP, parsing of data using python, orchestration and scheduling of jobs to deliver data to downstream application for further processes.
- Data Pipeline Development: Designing and implementing data pipelines using GCP services like GCS, Cloud function, Pub/Sub, and Cloud Composer to ensure efficient data ingestion, processing, and storage.
- Data Warehousing: Setting up and managing data warehouses using BigQuery, optimizing queries, and ensuring data is properly organized and accessible.
- Collaboration: Working closely with data scientists, analysts, and other stakeholders to understand data needs and deliver solutions that support business objectives.
- Integrating data from various sources by ingesting and curating, including on-premises Hadoop and teradata systems, ensuring seamless data flow and consistency.
- Using Cloud Run to run containerized applications, which means deploying any application in production packaged in a container, making it highly flexible and language – agnostic.
- Design efficient database schemas, optimize queries and ensure data integrity and performance for transactional tables using cloud SQL.

**Project –
British Telecom (UK) Company-
Tata Consultancy Services 2021 Dec-2022 Dec : Data Engineer**

Roles & Responsibilities:

- Collaborated with data engineers and operation team to implement the ETL process, wrote and optimized SQL queries to perform data extraction to fit the analytical requirements.
- Hands on experience in migration from on premise to cloud for large Telecommunication company in UK using cloud native tools as Bigquery, Cloud dataproc, Google cloud storage, Composer, Cloud function, Pubsub.
- Responsible for cloud Data Warehouse creation of on-premises database in a phase yet consistent manner. Building data pipelines in airflow in GCP for ETL related jobs using different airflow operators.
- Created Big query authorized views, have used Big query for partitioning and clustering for easy access of rows.
- Implemented batch & stream jobs processing, which is an extremely efficient way to process large amounts of data.
- Automated daily Dataflow jobs using python-based Cloud Composer (Apache Airflow) enabling naming convention and data validation checks to migrate files from Cloud Storage Bucket to Big Query/Cloud SQL.
- Developed reusable scripts using Terraform to create cloud infra for DEV, TEST & PROD environments which also helps in reducing manual effort.
- Performed data analysis by retrieving the data.
- Performed data imputation using Scikit-learn package in Python. Participated in features engineering such as feature generating, PCA, feature normalization and label encoding with Scikit-learn preprocessing.
- Designed rich data visualizations to model data into human-readable form with Matplotlib.

Project -**American International Group (AIG) Insurance****May2019-Dec2021****Capgemini -2019-2021, Role : Associate Consultant****Roles & Responsibilities:**

- Provide full life cycle support to clients from initial requirements analysis through design, coding, testing, debugging, release management and integration.
- Posses basic experience of working in Guidewire platform and integrated tasks.
- Experience in cloud platform like GCP with basic experience in different GCP services.
- Creation of application on modularity basis.
- Involved in understanding the Application and implementing the business logic.
- Involved in creating model forms, views, URLs for the application.
- Developing the web application using Django framework.
- Involved in retrieving the data by using MySql/PostgreSQL.
- Support team members in understanding the client-raised bugs.
- Prepare Reusable functions.
- Making day to day changes in the project fixing reported bugs and writing script.