Mohammad Atif

GCP Data Engineer

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Summary

I am a self-motivated professional with excellent communication and collaborative abilities. I enjoy working in a team environment and contributing to the success of the organization. I am also a data science enthusiast who likes to explore new datasets, techniques, and challenges. I have obtained multiple certifications from Google and Microsoft in cloud computing, data engineering, and machine learning, demonstrating my proficiency on multi-cloud domain and passion for these domains. I am always eager to learn new skills and technologies to drive process improvements and innovation.

Work Experience

Senior Data Engineer, *Tech Mahindra* **Gurugram, Haryana** *01/2024 - present*

- Worked on a GCP migration task for a retail client.

Senior Data Engineer, *LTIMindtree* **Bengaluru, Karnataka** *06/2022 - 01/2024*

- Worked as a Backend GCP Data Engineer for a Retail Beauty Tech client to create a OneData system on the Cloud to migrate from an old legacy system aiming to improve sales data processing speed and implement automation and alerting system.
- Ingestion of sales data from different kinds of data sources using the Cloud Run Python application. Processing of raw data using complex SQL scripts and implementation of transformation logic to get all the data under one common schema and ingestion into aggregated fact and dimension table. Exposing aggregate tables and dimensions as views for the Power BI dashboard.
- Automated the ETL process using Composer Airflow DAG which resulted in a reduction of 90% of manual workload for the client. Created a precheck and alerting Cloud Run Python application which alerts the respective SPOC via email about the faulty data.
- Communicated with project managers, business analysts, and clients about transformation logic implementation and the nature of data.

Senior System Engineer, *Infosys* **Hyderabad, Telangana** *10/2020 - 06/2022*

- Worked as a Google Cloud Platform Frontline Technical Solution Representative with responsibilities of solving issues raised by customers of Google concerning their usage of GCP Big Data and Machine learning products.
- Obtained experience in identifying and troubleshooting complex issues raised by the customer of Google related to GCP Big data and Machine Learning shard.
- Gained hands-on experience in implementation and working with GCP Big data and Machine learning products.
- Served as a Subject Matter Expert and Trainer in the team to transfer the knowledge to new joiners.

Internships

Senior Engineer Trainee, *Infosys* **Mysore, Karnataka** *01/2020 - 10/2020*

- Trained in Data Science and Analysis field. Hands-on experience with Python and Machine Learning libraries.
- Gained knowledge on Machine learning concepts, libraries, tools, and the full Data Science Life Cycle of a project.

Skills

- **Languages:** Python, SQL, Bash Scripting
- **Tools:** GCP, BigQuery, Cloud Run, Cloud Composer, Cloud Storage, Cloud DataFusion, Cloud DataProc, Vertex AI, Git, Anaconda dist., Cloud Functions, ETLs Pipeline, Data Storage and warehousing
- **Framework & Libraries:** Flask, Fast API, NumPy, Pandas, Dask, Apache PySpark, Apache Airflow, scikit-learn, Tensorflow
- **Familiar Technologies:** Data Science & Machine Learning, Deep Learning, Natural Language Processing, Generative AI
- **Soft Skills:** Planning, Organized, Creative Problem-Solving, Teamwork, Active Listening, Adaptability, Analytical Thinking

Online Courses & Certifications

- GCP Certified Professional Data Engineer (Apr. 2023) - Google Cloud
- GCP Certified Professional Machine Learning Engineer (Dec. 2021) - Google Cloud
- GCP Certified Associate Cloud Engineer (Jan. 2021) - Google Cloud
- Microsoft Azure AI-900 (Jul. 2021) - Microsoft Azure
- Microsoft Azure DP-900 (Jul. 2021) - Microsoft Azure
- Udacity Machine Learning Foundation Nanodegree, (May. 2019) - Udacity

PROJECTS

- **Classification of customer's review using NLP**
  Worked on NLP based project to analyze customer reviews and developed a classification model to classify feedback as positive or negative. The accuracy achieved was around 85%. Implemented using Python, exploratory data analysis techniques, data preprocessing, feature engineering, and an artificial neural network built on the TensorFlow framework.

Education

SRM IST

B.Tech in Computer Science Grad May 2020 — CGPA: 7.54

Salwan Public School

PCM with Computer Science Grad May 2016 — Cum Per: 79.4

Links

- LinkedIn: mohammad-atif
- Github: mmatif18
- Kaggle: moatif
- HuggingFace: mmatif18