

K. BHARATH KUMAR

GCP Data Engineer

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PROFESSIONAL SUMMERY

- I've had total 4+ years of experience in the IT industry as a Data Engineer on Google Cloud components, and as a Test Engineer.
- A qualified Bachelor of technology with virtuous amount of exposure in cloud data engineer operating technologies like GCP, Big Query, SQL and Python (Scripting).
- Great analytical skills and strong command over cloud components like BigQuery, GCS and Cloud Composer/Airflow.
- I have great working experience with Big Query to load data into to Stage, History and Audit tables.
- Established Authorized views from various tables.
- In addition to that, I can optimize the performance of BigQuery using Partitioning and Clustering techniques.
- Worked on creating DAGs and tasks to deploy and run jobs in Airflow scheduling tool and automated using python scripts.
- Awareness in performance tuning, deployment procedures, troubleshooting and solving database issues.
- I have working experience on python language using data structures like lists, tuples, dictionaries, sets.
- Used GIT to manage and deploy the code versions.
- Former my data engineering role, I have an extensive experience in Manual Testing.
- I have experience in the Software Development Life Cycle(SDLC) and Software Testing Life Cycle(STLC).
- Good experience in all phases of Agile and participated in all daily scrum meetings with cross teams.

CAREER OBJECTIVE

Looking for employment in the data field as a Data Engineer to work for a progressive company to enhance my skills.

EDUCATIONAL BACKGROUND

B.Tech (Regular)
Jawaharlal Technological
University, Kakinada,
Andhra Pradesh

TECHNICAL SKILLS

Languages:

- Python, SQL

Cloud Platforms:

- GCP: GCS, Big Query, Airflow/Composer

Project Execution Tools:

- Agile – Sprint, Scrum, JIRA, Confluence, GitHub

Data Formats:

- CSV, JSON, XML, ORC, Avro, Parquet

Databases:

- MySQL
- Oracle

WORK EXPERIENCE

Currently working for Atecsoft Technologies Pvt Limited in Hyderabad from 16.07.2018 to till 14.09.2022

Project #1:

Project : Retail Platform
Duration : August 2021 to September 2022
Role : GCP Data Engineer
Technologies : GCP, GCS, Big Query, Airflow/Composer 2.0, Python
Pod Size : 7

Description:

FiloBlu wanted to improve the performance of its big data analytics by aggregating online and offline data to address the whole customer journey for its brands. For its data analytics pipeline, FiloBlu uses BigQuery, preparing data for analysis with Cloud Dataprep and Cloud Dataflow, and using Looker Studio to deliver easy-to-understand dashboards to its clients. Using BigQuery, we can give clients insights on how customers navigate their websites that helps the brands understand user behaviour, and improve their journey.

Roles and Responsibilities:

- During this project, we used agile process.
- Responsible to manage data coming from different sources.
- Developed producer scripts to read CSV files from the source system and transfer data GCS Buckets.
- Involved in the development of creating data pipeline to read data from various sources and load the data into BigQuery.
- Composed DAG's and tasks to deploy and run airflow jobs in airflow scheduling tool called composer 2.x.
- Used the Source Code Management (SCM) as GitHub.
- Working Experience on Linux commands and Windows environments.
- Responsible for Unit Testing.
- Created authorized views in BigQuery to provide required data to down streams (ML/Analytics/Dashboards)
- Worked on different file formats like text, Sequence, XML, JSON, AVRO, ORC, and Parquet.
- Actively participated in demo sessions to the client.

Project #2:

Project : Health Care
Duration : July 2020 to August 2021
Role : GCP Data Engineer
Technologies : GCP, GCS, Big Query, SQL
Pod Size : 8

Description:

With the Cloud Healthcare API, the company managed to centralize and organize medical data, facilitating communication between entities and ensuring an agile decision-making process. Aiming to improve people's lives, it offers round-the-clock support, security, and autonomy for every physical, emotional, and financial health decision.

Roles and Responsibilities:

- Worked on Creating DAG's and tasks to deploy and run jobs in airflow scheduling tool.
- Using Source Code Management (SCM) as GitHub.
- Working experience on Linux commands and Windows environments. skills and good command over GCP components
- Agile methodology was followed during project.
- Responsible to manage data coming from different sources like mobile applications, web applications.
- Developed producer scripts to read CSV files from the source system and transfer data to BigQuery.
- Responsible for Unit Testing.
- Created authorized views in BigQuery to provide required data to down streams (ML/Analytics/Dashboards)
- Worked on different file formats like text, Sequence, XML, JSON, AVRO, ORC, and Parquet.

Project #3:

Project Name: Online Footwear Retailer

Role : Quality Analyst in Manual Testing

Tools : REST, POSTMAN, SQL-server, JIRA, JSON

Duration : July 2018 to June 2020

Roles and Responsibilities:

- Good Understanding the business Requirements and Analyzing the requirement
- Experience in identifying test scenarios and implementing Test Cases in JIRA.

- Participated in Sprint planning meeting to identify sprint Backlog.
- Involved in Story analysis.
- Executing the test cases to identifying the defects and logging in to JIRA.
- Experience on sprint planning tasks to execute during the particular sprint.
- Involved in Identifying Regression suite and execution of Regression Test suite for each sprint.
- Involved in preparation of defect reports, Test reports and Test Metrics.
- Participated in Sprint Retrospective meetings.
- Analyzing the services documents to understand API.
- Experience to test REST services using Postman tool.
- Good understanding on URI, JSON, HTTP Methods and HTTP Status codes.
- Good experience to understand and use the JSON payload.
- Experience to use Headers on postman tool.
- Hands on Experience in POSTMAN –Variables, Pre-request step and SNIPPETS
- Experience to perform Data Driven Testing using POSTMAN Tool
- Validate the JSON Response using POSTMAN Snippet and JSONPath Online Evaluator
- Good Experience to setup the different Environments in POSTMAN tool to perform API Testing
- Log the Bugs in JIRA and reporting the same
- Participate in Daily stand-up calls, Bug Triage calls and status meetings.