

Mahesh Karengala

Software Engineer

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Experienced Data & Platform Engineer actively seeking a role at Fidelity. With a proven history of demonstrating expert data gathering, manipulation, and optimization, am looking to combine my 3+ years of experience with my passion by working on a collaborative team.



Work History

Feb 2019 - **Software Engineer**

Current

Bluefield Technologies Private Limited, Bangalore

- Having 3.5 years of experience in IT industry as a Software Engineer, on Google Cloud Platform Currently working with **"Bluefield Technologies Private Limited"** Bangalore from Feb 2019 to till date.
- Hands on experience on various Cloud components such as BigQuery, Cloud Storage, Compute Engine, Dataflow, Data Proc, Composer, Pub/Sub.
- Ensured the proper storing of both raw and processed data.
- Translate business propositions into quantitative queries and collect/clean the necessary data.
- Creating Partitions for faster retrieval of the customer information and enhance the dwh performance.
- Applied data partitioning to improve code performance.
- Have the skills and experience to transform Gigabytes of data into a usable product that informs and improves business decisions.
- Good understanding/knowledge of GCP Architecture and Hadoop and its components.
- Knowledge on Version control tools (Git, GitHub) and Incident tools (Jira, Service Now).
- Knowledge in various file formats like: CSV, Json, Avro, Parquet.
- Experience working with BigQuery to load data into Stage, History and Audit tables, Develop Authorized views.
- Build DAGs for loading the data from GCS Bucket to BigQuery in Airflow scheduling tool.
- Having experience in the Software Development Life Cycle (SDLC).
- Involved in Agile-Scrum methodology- meetings and standup calls.
- Working experience on Linux and Windows environments.
- Excellent communication and interpersonal skills and analytical skills and highly motivated team player with the ability to work independently.

May 2020 – **Cloud Data Engineer**
Current

Bluefield Technologies Private Limited, Bangalore



Client : 3PM Solutions
Project : CDS - Customer Directory System
Domain : Retail
Role : Cloud Data Engineer
Technologies : SQL, GCS, Big Query, Data Studio
Duration : May 2020 – Till Date
Team Size : 10

Description: 3PM Solutions is an e-Commerce brand analytics and protection company focused on marketplace websites like Amazon, eBay, and Walmart. 3PM Solutions cloud-based platform offers solutions that help manufacturers, retailers, and brands to solve complex problems impacting revenues.

Roles and Responsibilities:

- Developed BQ DDL and DML scripts to Load data into BigQuery from GCS bucket.
- Analyzed the data met with users and business team to define the requirements.
- Create high level and low level specification documents.
- Analyze and organize the raw data as per the business requirements.
- Creation of BigQuery Data Sets, Tables and Pipelines to store the processed data.
- Used cloud shell to interact with GCP components and services.
- Developed Audit tables for reconciliation and metadata tracking purposes.
- Create authorized views in BigQuery to provide required data to downstream applications.
- Extensive on experience in Unit Testing
- Participated in daily Scrum, Sprint Planning and Retrospective meetings.
- Performs unit testing, and provides user acceptance testing support and gives production support.
- Using GIT-Repository for code deploy and backup.

Feb 2019 - **Cloud Data Engineer**
Apr 2020

Bluefield Technologies Private Limited, Bangalore.



Client : Fit Analytics
Project : CDS - Customer Directory System.
Domain : Retail
Role : Cloud Data Engineer.
Technologie's : Hadoop, Kafka, Hive, Dataproc, Pyspark.
Duration : Feb 2019– Apr 2021
Team Size : 8

Description : Fit Analytics cloud platform helps the world's best apparel companies solve sizing, sell smarter, and turn data into actionable insight. Google Cloud Platform drew our attention because it has great support for data processing, including access to the state of the art in scalable systems that would allow us to keep processing times down.

Roles & Responsibilities:

- Understanding and Requirement analysis based on the functional specifications.
- Creating topics and push the data from producers to consumers and load it into BigQuery
- Developed SQL queries to Load data into Big Query
- Involved in Development of creating Data Pipeline to read the Data from Kafka and load data to Big Query
- Worked on Creating DAG's and tasks to deploy and run PySpark jobs in the Airflow scheduling tool.
- Created Authorized views in Big Query to provide data to Down Streams (Reporting/Analytics/Dashboards).
- Providing daily basis reports to upstream.
- I'm responsible for ingesting the data from one datasource to BQ as a part of ELT process.
- Responsible for Unit Testing and capturing the evidence.
- Responsible for SIT walk through to Business to get Sign-off.
- I worked on different file formats Csv, Avro, Parquet,Json.



Skills

Cloud Platforms – GCP : GCS (Google Cloud Storage), BigQuery (BQ), Data Flow, Pub/Sub.

Languages : SQL, Unix, Linux, Python (Basics).

Big data Technologies: Hadoop, Data Proc, PySpark, Kafka, Hive.

Build Tools : Notepad++, Jupyter Notebook.

Data Formats : CSV, JSON, AVRO, PARQUET

Operating System : Windows, Linux.



Education

Mar 2008 - B.Tech: Engineering Technology

Aug 2012 *Samskruthi College of Engineering And Technology, Jawaharlal Nehru
Technological University - Hyderabad*



Languages

English

Telugu

Hindi