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PROFESSIONAL OBJECTIVE

To work in a competitive environment, where I can contribute my best of knowledge, experience and skills to achieve organizational and personal excellence.

To undertake interesting and challenging tasks in an organization.

RAMESH K

EXPERIENCE

01-06-2018 – Till Date
SOFTWARE ENGINEER

CYNORSYS PRIVATE LIMITED

PROFESSIONAL SUMMERY

- M.C.A. with 4 years 4 months experience in the IT industry as Data Engineer on Google Cloud Components (3 years).
- Having knowledge in Google Cloud Data Engineer utilizing technologies like **Google Cloud Storage, BigQuery, SQL, Python Scripting** and **Cloud Composer/Airflow**.
- Experience working with BigQuery to load data to Stage, History and Control tables, Developed Authorized views.
- In-depth knowledge about SQL databases and ability to execute queries quickly.
- Worked on Creating DAG's and tasks to deploy jobs in the Airflow scheduling tool.
- Having knowledge on Big Data concepts and Hadoop Frame work (HDFS and Map Reduce).
- Knowledge on ETL vs ELT and OLTP vs OLAP.
- Fundamentals of Pub/Sub (Kafka).
- Knowledge in various file formats like CSV, JSON, XLS and XLS.
- Used GIT to manage and deploy the code version.
- Good experience in all phases of Agile Process and participated in all daily scrum meetings with cross teams.

ACADEMIC PROFILE

- M.C.A. from Kakatiya University, Warangal.

TECHNICAL SKILLS

❖ Cloud Platform	:	GCP
❖ Cloud Components	:	GCS (Google Cloud Storage), BigQuery, Composer/Airflow
❖ Query Language	:	SQL (Structured Query Language)
❖ Data Bases	:	MySQL, Oracle
❖ Big data Technologies	:	Hadoop, Kafka
❖ Notebooks	:	Notebook++, Colab Notebook, Jupyter Notebook
❖ SDLC	:	Agile Process (Sprint, Scrum)
❖ Supporting Tools	:	Jira, Confluence, GitHub
❖ File Formats	:	CSV, JSON
❖ Scripting Language	:	Python Scripting
❖ Spread Sheet	:	Microsoft Excel
❖ Markup Languages	:	HTML
❖ Operating System	:	Windows and Linux

WORK EXPERIENCE

Currently working with CYNORSYS PRIVATE LIMITED., Hyderabad from June 2018 to Till Date.

PROJECT #3

PROJECT TITLE	:	Customer Data Analytics
CLIENT	:	Coolblue
ROLE	:	GCP Data Engineer
TECHNOLOGIES	:	Google Cloud Storage, BigQuery, SQL, Python Scripting and Composer/ Airflow
DURATION	:	September 2021 to Till Date.
POD SIZE	:	09

DESCRIPTION: Coolblue is one of the three largest online retailers in the Netherlands since 2000 with over 1,700 employees. It is experiencing the challenge as consistent growth of 50% year-on-year. Coolblue ran an initial trial and hack-week with BigQuery and Google Analytics supported by Google. It's simplicity and cost effectiveness of a fully managed solution with Google Cloud components and features like High Scalability, High Security, More Consistency. Coolblue is now building a modern data platform on which to run their race to the top using Google Cloud by its data-driven features.

ROLES / RESPONSIBILITIES

- Following Agile Methodology
- Responsible for creating the GCS buckets, Datasets, BigQuery tables in different layers.
- Responsible to manage data coming from different sources.
- Created Authorized views in BigQuery to provide data to Down Streams (ML/ Reporting/ Analytics/ Dashboards)
- Developed SQL scripts to Load data into BigQuery.
- Handling txt, xls, csv and json Data formats.
- Worked on Creating DAG's and tasks to deploy and run jobs in the Airflow scheduling tool.
- Used Source code Management (SCM) as GitHub
- Responsible for Ingesting the data from one dataset to different datasets through BQ Queries as a part of ELT and ETL process.
- Responsible for designing the test cases
- Responsible for Unit Testing and SIT (System integration Testing) and capturing the evidence.
- Responsible for SIT walk through to Business to get Sign-off.
- Participation in review and client calls.

PROJECT #2

PROJECT TITLE	:	NI CTR Marketing Management
CLIENT	:	NTUC Income
ROLE	:	GCP Data Engineer
TECHNOLOGIES	:	GCS, BigQuery and SQL
DURATION	:	January 2020 to June 2021
POD SIZE	:	12

DESCRIPTION: NTUC Income is a leading insurance company in Singapore. It offers Life, Health and General insurance to the Singaporeans more than 50 years. Nowadays, customers increasingly turn to online services for their insurance needs. Instead of pushing the same product messages to everyone, optimize marketing target with GCP tools like BigQuery. BigQuery has improved marketing effectiveness significantly by reducing 40% cost and increase in CTR (Click Through Rate) by 92% by connecting targeted audience.

ROLES / RESPONSIBILITIES

- Following Agile Methodology
- Responsible for creating the GCS buckets, Datasets, BigQuery tables in different layers.
- Responsible to manage data coming from different sources.
- Developed SQL scripts to Load data into BigQuery.

- Handling CSV file formats.
- Used Source code Management (SCM) as GitHub
- Responsible for Ingesting the data from one dataset to different datasets through BQ Queries as a part of ELT and ETL process.
- Responsible for Unit Testing and SIT (System integration Testing) and capturing the evidence.
- Responsible for SIT walk through to Business to get Sign-off
- Participation in review and client calls.

PROJECT #1

PROJECT TITLE	:	Product Information Management (PIM)
CLIENT	:	LANSA
ROLE	:	Software Engineer Trainee
TECHNOLOGIES	:	SQL, MS-Excel, Notepad++
DURATION	:	September 2018 to November 2019
POD SIZE	:	10

DESCRIPTION: LANSA makes web, mobile, and desktop software development tools as well as business applications that help companies manage and synchronize master data since 1987. LANSA's on-premises PIM software to reliably organize and manage the myriad pieces of data connected to their vast product lines, from size to packaging to price. LANSA uses spreadsheets as data source with an inexpensive and easy-to-use. "With our traditional product, it took us 10 years to get to 3000 customers", Sync Manager gained 8200 customers in just four months. LANSA's rapid growth without a hitch, "Our users have created about 130 million product entities at this point".

ROLES / RESPONSIBILITIES

- Following Agile Methodology
- Working with DDL, DML and DQL commands.
- Create Database Objects like Tables and Views.
- Add the data to the tables.
- Responsible to manage data coming from different sources.
- Used Source code Management (SCM) as GitHub
- Follow ETL process.
- Responsible for Unit Testing.
- Participation in review calls.