

Gnana Chaithanya Gali

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Location- Bangalore

SUMMARY

- 2 years of IT experience in Life sciences projects and worked in **Node.js, Express js (middleware), Python, SQL, Aws cloud services** as a **Backend developer and Data engineer**
- Created end to end Data pipelines at AWS Cloud using Glue, Airflow, S3, Lambda, Dynamodb and API Gateways
- Worked as a backend team lead for almost 1 year
- Started My Work as an intern in Cognizant for 6 months as a Big Data engineer and worked on Hadoop, HDFS and Hive
- Experience in Agile methodology and sprint planning

EXPERIENCE

- **Served as Intern | Cognizant Technology Solutions | 03-2022 to 09-2022**
- **Serving as AWS Data Engineer |Cognizant Technology Solutions | 10-2022 to Present**

TECHNICAL SKILLS

| | |
|-------------------------|--|
| Language | Nodejs, Python, SQL |
| Technical Skills | Data Engineer, Machine learning, AWS cloud services |
| Bigdata Tech | Pyspark, Hadoop, HDFS, Hive |
| AWS Services | Glue, S3, Lambda, Dynamo DB, Apache Airflow, Redshift, Api Gateway, Step function, Elastic file System |
| OS | Windows, Linux |
| Workflow | Step Function, Airflow |

PROJECT Details

Project 1:

EUMDR (European Union Medical Device Regulation):

Client: Johnson and Johnson

Tools Used: AWS, Python, Pyspark, SQL

Role: Developer

Team size: 25+

Model: Agile

Start Date: November 2022

End Date: July 2023

Description: It's a European Data Management project relates with health care domain to create ETL pipeline for medical devices which is Data from different Sources.

Responsibilities:

- Developed ETL workflow using Apache Airflow, API Gateway, lambda, Glue and DynamoDB to automate data ingestion, transformation and loading processes
- Developed AWS Glue jobs for ingesting incremental data from multiple sources, performing transformation, and maintaining Hudi based tables in Data Lake.
- Created AWS lambda functions to handle event-based activities.
- Developed spark code in python using spark SQL & Datasets and RDD for batch jobs.
- Created Apache airflow for running a scheduled data ingestion, transformation and load Data

Project 2:

Acuvue Loyalty Dashboard:

Client: Johnson and Johnson

Tools Used: AWS, Nodejs, PostgreSQL

Role: Backend Developer and team lead

Team size: 6+

Model: Agile

Start Date: August 2023

End Date: Till Date

Description: it's a US related web application Project which helps the Doctors to calculate and get the history rebate details based on the revenue and share they generated by selling the acuvue lens. They had more than 60000 groups where each group had more than 70 accounts under them.

Responsibilities:

- Worked from the POC of this project-built an architecture to extract the data from redshift database and provide to UI based on the API call
- Developed AWS Lambda Using Expressjs and Nodejs to respond to API call with the required Output to be displayed.
- Loaded the data in redshift tables from the CSV files using the Dataiku DSS
- Developed a new architecture to Load the data into EFS Files After the data refresh and use EFS Files to extract the Json instead of running query for every call as redshift has limited no of connections
- Used DynamoDB as a cache for the subsequent call instead of going to efs
- Built a step function to load the data from Redshift to EFS files using lambda and DynamoDB for logging

EDUCATION SUMMARY

| Qualification Category | Institution Name and Board | Percentage |
|------------------------|---|------------|
| B. Tech in ECE | Panimalar Engineering College (Anna University) | 8.32 |
| 12th | Narayana junior college | 88.4% |
| 10th | Keshava Reddy Concept School | 9.0 |