



GOWTHAM

Data Engineer

+91 99449 41345

gowthamrag06@gmail.com

Coimbatore, Tamil Nadu, India.



SUMMARY

Highly skilled and motivated Data Engineer with two years of experience in designing, building, and maintaining data pipelines and infrastructure. Proficient in utilizing a variety of tools and technologies to extract, transform, and load (ETL) data. Demonstrated ability to leverage cloud platforms and big data technologies to optimize data processing workflows. Strong problem-solving abilities and a commitment to continuous learning and professional development.

SKILLS

- Python
- SQL
- Pandas
- Numpy
- Scikit-Learn
- Pyspark
- Linux
- Oracle
- PostgreSQL
- AWS Sagemaker
- AWS Step Functions
- AWS Glue
- AWS Lambda
- AWS RDS PostgreSQL
- AWS DMS
- AWS CloudFormation
- AWS Code Pipeline
- Git

CERTIFICATIONS

-  AWS Solutions Architect Associate
- AWS Developer Associate
- AWS DevOps Professional

EDUCATION

- **PSG College of Arts & Sciences**
Master's Degree in Software Systems.
2013 – 2018
68%
- **A.R.C Matriculation Higher Secondary School.**
HSC
2012 – 2013
76%

PROFESSIONAL EXPERIENCE

DATA ENGINEER

Tata Consultancy Services 2022 - Present

- Spearheaded the migration of data workflows and pipelines from Trifacta to AWS cloud infrastructure, ensuring seamless transition and minimal disruption to ongoing operations.
- Implemented data cleaning and transformation processes within AWS Sagemaker Notebooks, enhancing data quality and usability.
- Executed robust data migration strategies with AWS Data Migration Service, ensuring smooth on-premises to cloud transfer.
- Managed and optimized AWS PostgreSQL databases to support data storage and retrieval needs, ensuring high performance and reliability.
- Utilized cloud platforms such as AWS to deploy and manage data infrastructure, leveraging services like AWS S3, Glue, RDS and Lambda.
- Collaborated closely with stakeholders, including data analysts, data scientists, and business users, to understand requirements and develop migration strategies.
- Conducted thorough analysis of existing Trifacta workflows and identified opportunities for optimization and enhancement during the migration process.
- Documented migration procedures, best practices, and lessons learned to facilitate knowledge transfer and ensure smooth operation post-migration.

Catalogue Associate

Amazon Development Center | 2019 - 2022

- Conducted comprehensive data analysis and quality assurance checks to ensure accuracy and completeness of product listings on the Amazon platform.
- Collaborated with internal teams and external vendors to gather product information, resolve discrepancies, and address customer inquiries.
- Utilized content management systems and data entry tools to input and maintain product data in accordance with Amazon's standards and guidelines.