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Summary:

• Overall 2.8+years of experience as AWS Data Engineer in automating, building, deploying and releasing of code from one environment to other environment. Working as a Cloud Developer involved on ETL, Pyspark, MySQL, Airflow, EC2, S3, RDS, Autoscaling, IAM, GCP BigQuery, PUB/SUB, Colibra, Metadata, Data Quality, Workflow, Jenkins and Python.

Technical Expertise:

- Programming Languages: Python, PHP, C, SQL, HTML, JavaScript, CSS
 - Technologies: Colibra, Datawarehouse, AWS (Redshift, Glue, S3, EC2, Cloud-watch, Lambda), GCP, Airflow, Git.
 - Operating Systems: Linux, Windows
 - Data Formats: JSON, XML, Parquet
 - **Tools:** Data Quality Tool, Data Catalog Tool, Postman, Jenkins (CI/CD).
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Work Experience:

Cognizant Technology Solutions | Pune, India

Oct 2021 - Present

Client: Merck & CO INC.

Project: - Merck D&A Data Integration

Responsibilities:

- Create data pipelines, data quality, and implement ETL (extract, transform and load) processes to migrate and deploy data across systems.
- Design, build and maintain data infrastructure that powers both batch and real-time processing of billions of records a day.
- Developed and Implemented Scalable and secured cloud infrastructure using AWS services such as S3, Glue, Lambda, Redshift and CloudWatch
- Design, build and maintain a central data cataloging system to ease integration and discovery of datasets.
- Involved in the end-to-end deployment process (DEV, UAT, SIT, PROD)
- Designed and executed data ingestion pipelines using AWS Glue for data transformation and loading into Redshift for analysis and reporting.
- Utilized Redshift for data warehousing, performing data modelling, optimization, and query tuning for efficient data retrieval and analysis.
- Automated tasks and workflows using AWS Lambda functions, reducing manual intervention, and enhancing overall productivity. Implemented monitoring and logging solutions using CloudWatch, enabling proactive identification and resolution of system issues.
- Proficiently created and managed (DAGs) in Airflow, orchestrating workflows, and dependencies efficiently.
- Implemented and maintained Continuous Integration and Continuous Deployment (CI/CD) pipelines using Jenkins, enabling automated builds, tests, and deployments.
- Create various Asset types: Business Assets, Technology Assets, Data Assets and Governance Assets.
- Create Relationships within datasets and between data sets, applications, systems, and processes.
- Create facilities for managing reference data.
- Develop API (REST, SOAP) to expose the metadata functionalities to the end-users.
- Coordinate with Domain and Business Stewards, Data Analysts to review the Standards and their Roles and provide insights into maintaining Governance Standards inside Colibra including workflow process and logging issues and data quality.

Education: - Bachelor of Technology (Mechanical Engineering) with **9.3 CGPA** - KL University in **2021**

Certification:	- AWS Certified Solutions Architect - Associate - Microsoft Certified: Azure Fundamentals (AZ-900) - Microsoft Certified: Developing Solutions for Microsoft Azure (AZ-204) - Google Cloud Certified: Google Associate Cloud Engineer
MNF intern Project (03/2021)-(06/2021) Web Development	Developed a website on Frontend with ReactJS, MySQL and a professional Git/GitHub workflow. • Automated CI/CD pipelines for unit and integration testing, as well as the deployment the web app, database and Nginx using Docker Compose, GitHub Actions and scripting.