Akondi S

Data Engineer, 3+ years experience
Hyderabad, India
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I have extensive knowledge and skills in Python, snowflake, Amazon Web Services like Lambda function, S3, SNS, SQS, SSM, Glue Job, RDS, Step function, cloud watch KMS, Secrets manager, IAM, Databrew, Apache Airflow, apigee and swagger, NumPy, PySpark, Serverless, Git, Docker, SQL, Dremio and monitoring tools like Grafana and foglight.

INDUSTRIES: Finance

TECHNICAL SKILLS

• Python	3 years & 2 months
• SQL	3 years & 2 months
• Pyspark	3 years & 2 months
• AWS	3 years & 2 months
• Snowflake	2 years & 2 months

PROJECT DETAILS

• File Ingest Architect & Lead

Project Description: I designed an architecture to ingest semi-structured files like JSON and headerless CSV files into the data lake thereby loading the data into data warehouse. I also took part of implementing the design and successfully completed the project in the given timelines.
Responsibilities: Data Lake/Warehouse Architect & Implementer for the project
Technologies: AWS, Python,snowflake, SQL
Industry: Finance

• Data Ingestion Struct & Unstruct

Project Description: Led design and execution of data loading into warehouses, handling both structured (CSV, TSV, etc.) and unstructured data (.mp3, .mp4) using AWS services (Lambda, Step Function, SQS, Glue, S3). Developed key utilities and components for efficient data transformation and storage
Responsibilities: Cloud ETL Dev, Structured & Media Loader & Implementer for the project
Technologies: AWS, Python,snowflake, SQL
Industry: Finance

• Self-service Apis development:

Project Description: I developed self-service APIs to automate the drop or truncate table operations. We came up with an authorization model to limit the permissions as they are sensitive operations. I also configured the proxy setup to promote the swagger to higher environments.
Responsibilities: API Development: Created self-service APIs for automating sensitive database operations such as dropping or truncating tables. Security: Devised an authorization model to restrict permissions and ensure secure operation handling. Configuration Management: Configured proxy setups for promoting Swagger documentation across different environments.
Technologies: AWS, Python,snowflake, SQL
Industry: Finance

EMPLOYMENT HISTORY

• software engineer 2 February-2023 - March-2024

Description: Primarily focused on modernizing the legacy pipeline where I got an opportunity to work with hybrid infrastructure. • Worked on possible enhancements to deliver real time and accurate data. • Automated the deployments by implementing IAC pipelines using Terraform. • Developed the python notebooks to calculate the timeseries using the metadata. • Hands-on experience in developing end to end ETL pipeline. • Data collection enhancements were suggested and implemented. • Developed an application to collect data via FTP and mails. • Worked closely with stake-holders and designed architecture based on the business requirements. • Migrated the legacy code base to cloud compatible using python. • Integrated the SonarQube tool with GitHub to maintain the code quality.

• System Engineer January-2021 - February-2023

TCS

Description: Primarily focused on back-end system architecture, design, and development in AWS for a big data project where we dealt with huge amount of data. • Designed and implemented components to automate data transformations. • Collaborated with solution architects and other software engineers to design and launch new features. • Implemented software components of highly available, scalable, and robust cloud services. • Built and maintained reusable code and libraries. • Took ownership of the implementation of individual software components with high emphasis on quality, test-driven development, and sound software engineering practices. • Maintained code integrity, quality, and ensured responsiveness of applications. • Hands-on experience in Data Lake and cloud Datawarehouse like Snowflake. • Worked on ETL jobs. • Proven expertise in SQL. • Optimized applications for maximum scalability and speed.

EDUCATION

• Bachelors degree in Electrical & Electronics from JNTUK 2016 - 2020

LANGUAGES

• English - native

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