

Shrithik Shahapure

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Summary

As a recent graduate, I have proficient skills in AWS cloud services with a key interest in Data Engineering and DevOps. Having a strong interest in problem-solving and attention to detail, I am eager to join a collaborative team and develop my skills in a professional environment.

Projects

Data Engineering YouTube Analysis Project | AWS S3, AWS Glue, AWS Lambda, AWS Athena

- This project aims to securely manage, streamline, and perform analysis on the structured and semi-structured YouTube videos data based on the video categories and the trending metrics.
- Implemented a centralized data ingestion and ETL system to transform raw data from various sources into a structured format for analysis.
- Developed a scalable data lake architecture, ensuring the system can handle increasing data volumes while building a dashboard for efficient reporting and insights extraction.

Bitcoin Monitoring | AWS, Docker, Terraform, Makefile, Github Actions, PostgreSQL

- Developed and implemented an ETL pipeline using Python to extract bitcoin exchange data from CoinCap API and load it into a PostgreSQL data warehouse.
- Orchestrated project setup locally and on AWS cloud, leveraging Terraform for infrastructure as code, CI/CD for automated testing, and "make" commands for efficient development workflows.
- The main project goal was to create a dynamic dashboard, providing valuable insights for users.

Chapterify | PaLM API, GPT-3.5, AWS, Streamlit

- Developed an application to generate Summaries and Chapter Timestamps for Youtube.
- Implemented CI/CD for automated testing and Deployment onto AWS Architecture
- Utilized Google PALM's natural language processing and Python's powerful backend.

Resume Website | AWS S3, Terraform, Github Actions, AWS Dynamo DB

- Developed and deployed a dynamic resume website hosted on AWS S3, offering a user-friendly interface for visitors. The site fetches data from DynamoDB to showcase personalized information.
- Implemented CI/CD pipeline using GitHub Actions, ensuring automated and efficient testing, as well as seamless deployment updates.
- Utilized Terraform for infrastructure as code, enabling simplified management and scalability of the website, resulting in an impressive and professional web presence.

Technical Skills

- Cloud: AWS : EC2, S3, Fargate, Glue, Athena, Lambda
- Languages: Python (Proficient), Bash
- Front-End: HTML, CSS, Javascript
- Devops: Github Actions, Terraform
- Operating Systems: Linux
- Databases: MySQL, PostgreSQL, Redis
- Design: Figma

Languages

English, French

Education

Malla Reddy College of Engineering and Technology | Hyderabad, TS
B.Tech (CSE) | 06/2023