Interview Questions asked:

Interview 1 – Zepto

Date: 14/10/2024

Questions asked:

1. Python script:

**Objective**: Develop a Python script capable of uploading large files (e.g., 10GB) to a specified AWS S3 bucket efficiently. The script must accept the file's path and the target S3 bucket's name as inputs. It should implement support for uploading large files, ensuring the upload process is both efficient and reliable.

**Requirements:**

**Script Development:**

* Write a Python script that uploads large files to an AWS S3 bucket.
* Use Boto3 to interact with AWS S3.
* Implement multipart upload for handling large files.

**Error Handling and Logging:**

* Implement robust error handling to manage potential issues such as network errors, permission issues, and invalid inputs.
* Include logging to track the script's execution and any errors encountered.

**Automation and CLI Arguments:**

* Ensure the script can be run as part of an automated workflow, such as a CI/CD pipeline.
* Accept the file path and S3 bucket name as command-line arguments.

**Documentation and Testing:**

* Document the script clearly, explaining its functionality and usage.
* Write unit tests to verify the script's functionality

1. Git-hub action workflows
2. How to handle system outage severity
3. How to improve db performance if db is slow.
4. How to handle low latency

No question on terraform no question on ansible no question on k8s