Training TR-102 Day 19 Report

9th July, 2024

The ninteenth day of the TR-102 training program concentrated on key concepts of DevOps, particularly the creation of CI/CD pipelines using Git, and understanding various Git commands.

CI/CD Pipelines using Git

- **Concept of DevOps:**

  - The session started with an in-depth explanation of the DevOps culture and its importance in modern software development.
  - Discussed the benefits of CI/CD pipelines in DevOps, such as faster delivery and improved reliability.

- **Creating CI/CD Pipelines:**

  - Detailed the steps to create CI/CD pipelines using Git.
  - Illustrated practical examples and workflows to show the implementation of these pipelines.
  - Covered integration and deployment strategies, emphasizing continuous integration and continuous deployment.

Git Commands

- **Git Stash:**

    o   Covered the purpose and usage of the 'git stash' command.

    o   Demonstrated commands to save and apply stashes, such as 'git stash save', 'git stash apply', and 'git stash pop'.

    o   Provided scenarios for using stash, like saving uncommitted changes temporarily.

Conclusion

Day 19 of the training was comprehensive, covering essential tools and practices in the DevOps lifecycle. The focus on CI/CD pipelines and advanced Git commands provided participants with practical skills and knowledge crucial for modern software development and deployment processes.