

# **Training TR-102 Report**

## **Day 19**

**9<sup>th</sup> July, 2024**

The nineteenth 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:**
  - Covered the purpose and usage of the 'git stash' command.
  - Demonstrated commands to save and apply stashes, such as 'git stash save', 'git stash apply', and 'git stash pop'.
  - 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.