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→ DevOps assignment

→ Full Summary.

Topic: Course 3 (CI/CD Pipeline - DevOps automation, CUDemy).

Section-I Introduction:-

In this course we learn about basic introduction of devops, its continuous delivery, continuous integration, etc.

- DevOps improves collaboration & productivity by automating infrastructure & workflows and continuously measuring application performance.
- Continuous Delivery is the practice of continuously maintaining code in a deployable state.
- It is the keeping the code in a deployable state.
- The practice of frequently deploying small code change to production.

→ Continuous integration

- Frequently merging of code can be done by developer, we do for early detection of certain type of bugs. → to make frequent release possible.

Continuous code inspection means constantly scanning the code, so that we can find the defects, error if any in the code. It is the process of an automated code review or inspection for your code before the a code test are run. It is the execution of code itself it is an effort to refine software.

- As we seen in the in the we seen about the short summary of continuous integration and continuous deployment how it is important for devops.
- Jenkins is an open-source automation software for the continuous integration. It help in achieving continuous integration with the help of plugins which are present in the Jenkins.
- Goal of continuous integration & deployment pipeline is to enable team to release a consistent flow of software.
- This is how I learn about continuous integration, deployment, and also the best continuous CI/CD pipeline.

