

Welcome to ineuron.ai



Jenkins

Description:

Jenkins is an open source automation server that allows software developers all around the world to build, test, and deploy their code with confidence. The world's most popular open source automation server, with hundreds of plugins to let you build, launch, and automate any project.

Start Date:

Doubt Clear Time:

Course Time:

Features:

Souce Code

Downloadable resources

Quiz Questions

Completion Certificate

What we learn:

Jenkins Installation Basics

Jenkins Dashboard

Jenkins Plugins

Jenkins Security

Jenkins Jobs

Freestyle Jobs

Pipeline Job

Requirements:

Prior Knowledge of Linux

System with good internet connection

Interest to learn

Your dedication

Instructor:

Name:

Ritesh Yadav

Description:

Ritesh is truly passionate about data science, machine learning and DevOps in general, he likes what he does, and is keen to learn. Currently, He is working as a Jr. Data Scientist at Ineuron.ai. He also loves to Contribute to Open Source Projects, which are mainly under CNCF Landscape. Ritesh loves to work in Cloud-Native technologies and Golang (Go). Apart from this, Ritesh has been actively involved in the

open-source community for over a year, helping many open-source DevOps tools and CNCF Projects like Porter, Meshery, Keptn, TensorFlow, and Thanos through his contributions.

>What is Jenkins and CI & CD:

- >>Course Overview, What is Jenkins, Why we need Jenkins

- >>What is CI and What is CD

>Jobs in Jenkins:

- >>Build a Freestyle Job

- >>Schedule a Jenkin Job

- >>Build Triggers in Jenkins

>Triggers and Webhook:

- >>Parameterized Job in Jenkins

- >>Polling Source Code using Jenkins

- >>Building a Webhook for github

>Maven Integration:

- >>Deploy a SpringBoot App

>Roles and User:

- >>Create a New User in Jenkins

>>Roles in Jenkins

>>Jenkins Configure System

>Notifications in Jenkins:

>>Notifications in Jenkins

**>Jenkins Pipeline and
Jenkinfile:**

>>Jenkin Pipelines

>>What is Jenkin file and its Uses