

DEVOPS

CERTIFICATE NUMBER : CERT0369511264



This is to certify that :

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Has completed a 32 hours program of DEVOPS Training at the IDN.ID Training Center, Jakarta, on 27, 28, 29, 30 Mei 2024
The student was able to obtain proficiency :

- Module 1. Introduction DevOps Concept**
- Understand DevOps, its roles and responsibilities
 - DevOps problems and solutions
 - How to implement CI/CD on DevOps Environment
 - DevOps Tools
- Module 2. Git : Version Control System**
- Introduction of Version Control System
 - Introduction Source Code Management
 - How Git Works
 - Working locally with Git
 - Working remotely with Git
 - Branching & Merging
 - Resolve Merging Conflict

- Module 3. Github : Source Code Management**
- Collaboration with Github
 - Working with Github Organization
- Module 4. SonarQube : Testing & Code Analysis**
- Unit Testing
 - Integration Testing
 - Code Analyst

- Module 5. Docker : Containerization**
- Containerization Introduction.
 - Docker Introduction
 - Docker Installation
 - Docker Command
 - Docker Images & Container
 - Create own Image with Dockerfile
 - Docker Registry
 - Docker Volume
 - Docker Networking
 - Docker Compose

- Module 6. Jenkins : CI/CD Tools**
- Introduction CI/CD.
 - Installation and Setup Jenkins.
 - Jenkins Continuous Testing integration unit testing, integration testing, and code analysis
- Module 7. Prometheus : Monitoring System**
- Introduction to Systems and Service Monitoring
 - Introduction to Prometheus
 - Installing and Setting Up Prometheus
- Module 8. Grafana : Dashboard**
- Installing and Setting Up Grafana
 - Visualized monitoring system (Grafana)
 - integration Prometheus and Grafan

30 Mei 2024



Dedi Gunawan

CEO of IDN.ID Training Center