

Docker

 Duration: 1 Days

 Available Languages: English German

Audience

Software Developers, Architects and Deployment Engineers.

Goals

To learn Docker concepts, underlying technology, and its usage.

Contents

- Docker Introduction
 - # What is Docker?
 - # Why Docker?
- Containers
 - # Containers vs Virtual Machines
 - # Containerization Fundamentals
- Docker Architecture
 - # The Docker Daemon
 - # The Docker Client
 - # Docker Registries
 - # Docker Objects
 - # Images
 - # Containers
 - # Services
- The Underlying Technology
 - # Namespaces
 - # Control Groups
 - # Union File System
 - # Container Format
- Docker Fundamentals
 - # Docker Hub
 - # Docker Installation
 - # Install Docker
 - # Test Docker Version and Installation
 - # Creating and Working with Images
 - # Packaging a Customized Container
 - # Running Container Commands with Docker
- The Dockerfile File
- The docker-compose.yaml File
- Manage Application Data
 - # Data Volumes
 - # Data Volume Containers

- Container Usage
 - # Running a Web-app in a Container
 - # Investigating a Container
 - # Port Mapping
 - # Viewing the Logs
 - # Looking at Processes
 - # Stopping and Restarting
 - # Removing a Container
- Docker Networking Basics
 - # Port Mapping Details
 - # Container Linking and Naming
 - # Linking and Environment Variables
- Docker Commands and Structures
- Dockerizing Applications
- Integration
- Docker Use Cases
- Example Demonstration

Booking

Contact Siddhesh Nikude, +91-95-52572354, training@nelkinda.com