

Docker Training

Level - Intermediate



September 26, 2022

Cotocus Ltd.

Bangalore, India

|  |  |
| --- | --- |
| Training Dates | TDB |
| Time | Days | 2 Days |
| Trainer Name | Rajesh Kumar  https://www.rajeshkumar.xyz/cv/ |

Trainer Agenda

Day 1

* What is Virtualization?
* What is Containerization
* Why Containeriz
* How Docker is good fit for Containerization?
* How Docker works?
* Docker Architecture
* Docker Installations & Configurations
* Docker Components
  + Docker Engine
  + Docker Image
  + Docker Containers
  + Docker Registry
* Docker Basic Workflow
* Managing Docker Containers
* Creating our First Image
* Understading Docker Images
* Creating Images using Dockerfile
* Managing Docker Images
* Using Docker Hub registry
* Docker Networking
* Docker Volumes

Day 2

* Deepdive into Docker Images
* Deepdive into Dockerfile
* Deepdive into Docker Containers
* Deepdive into Docker Networks
* Deepdive into Docker Volumes
* Deepdive into Docker Volume
* Deepdive into Docker CPU and RAM allocations
* Deepdive into Docker Config
* Docker Compose Overview
* Install & Configure Compose
  + Understanding Docker Compose Workflow
  + Understanding Docker Compose Services
  + Writing Docker Compose Yaml file
  + Using Docker Compose Commands
  + Docker Compose with Java Stake
  + Docker Compose with Rails Stake
  + Docker Compose with PHP Stake
  + Docker Compose with Nodejs Stake