

Software Containerization and Intro to Docker

Modality: On Demand

Duration: 20 Hours

About this course:

The management, Deployment, and operationalizing these enormous complex foundations is an overwhelming assignment. Containerization of the services and applications assists with streamlining these undertakings. Docker is an open-source engine that can assist you with mechanizing the application's deployment within software containers. In March 2013, it was released and has been picking up popularity from that point onward. 13 billion times it has been downloaded as of 2017, and more than 3.5 million applications have been set in containers utilizing Docker.

The present time is about the omnipresent network and the ever-expanding selection of mobile computing. To oblige these requests - present-day web applications and mobile applications are arriving at a worldwide scale and billions of clients. These web applications and mobile application are worked by bigger groups which are geologically dispersed. They assemble these huge applications by stitching together an assortment of APIs, services, or microservices.

These services utilize an assortment of stacks and are free of one another. The services run on bunches traversing thousands or a huge number of servers or hubs. What's more, the users utilize these applications over the cloud and the open web utilizing their tablet, mobile, and work area gadgets.

Course Objective:

Experience and information about Docker could be truly important for your vocation. The most recent details and figures show some stunning numbers like occupations requiring these ranges of abilities pay higher than the vast majority of the employments posted on open occupation boards inside the US and yearly pay rates for experts could be as high as \$100,000. A January 2017 investigation of the LinkedIn profile makes reference to demonstrated Docker's essence developed by 160% in 2016.

Audience:

- Developers
- CTOs, CIOs, or any technology head looking to use cloud computing in their business
- Network engineers and Software.
- IT architects and Software.
- IT administrators

Prerequisite:

- Information on apparatuses like vagrant is beneficial.
- Essential information on Linux is imperative to finish the course.

Course Outline:

Following are the course outline for this course:

- Introduction
 - Introduction
 - Get ready for Docker
- Containerization of Apps and Docker
 - Containerization of Apps
 - Evolution of Software Deployment
 - Introduction to Docker
 - Docker Installation
 - Docker Concepts and Terms