

EP 16 - 5 Best Docker and Kubernetes Courses for Beginners and Experienced Developers

My favorite online courses to learn Docker and Kubernetes in 2023



JAVINPAUL AND SOMA

SEP 08, 2023 • PAID



4



3

Share



Hello guys, how are you doing? Are you on track to accomplish your goals this year? I am sure you had made goals when this year started, but if not, you can still check out [10 Things Java developers can learn in 2023](#).

It's never too late. From my experience with interacting with many software developers, it seems **DevOps is the top priority for many programmers** this year, especially senior Java developers. I have been receiving a lot of queries, emails, and chats about how to learn [Docker](#) and [Kubernetes](#), two of the most popular DevOps tools.

When it comes to learning, nothing beats personal training, but that's not always feasible; hence we need to rely on self-learning using books and online courses, and that's what I will suggest to you in this article.

Until, a couple of years back, I was a big fan of books, but nowadays, I am using more and more online courses to get up-to-speed with new technology. They seem to better cover the 20% important part of the technology, which is used 80% of the time.

Anyway, If you don't know what Docker and Kubernetes are, let me give you a brief summary before I suggest to you the *best online courses to learn Docker and Kubernetes in 2023*.

In simple words, [Docker](#) is a container where you can run your application without worrying about hardware and operating system versions, which makes it easy to spin off a new environment without worrying about config details. It provides both containers and a command-line tool to manage those containers while Kubernetes is a container orchestration system that manages your container effectively.

[Kubernetes](#) is arguably the most crucial container management technology in the world and is used a lot in a real-world production environment where you have many containers to manage.

It's essential from the scalability perspective and also to manage your resources effectively. Even though it's not from Google, Its origin is. It's created as an open-source by engineers who work

on a similar tool in Google. You can understand that if it can work on the scale of Google, it's definitely well-tried and tested.

So here are the 5 best Docker and Kubernetes courses you can join in 2023

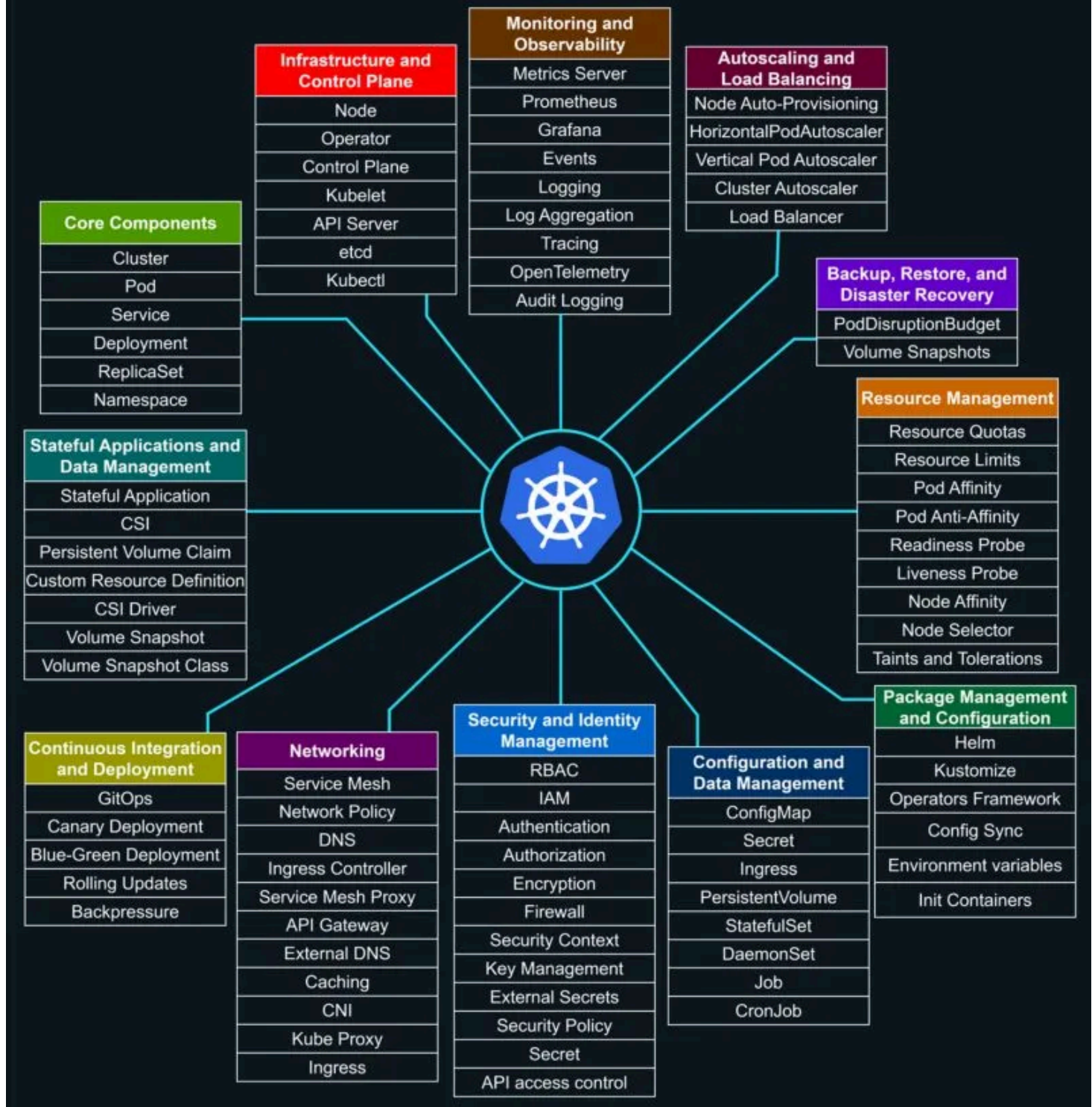
1. [Learn DevOps: The Complete Kubernetes Course](#)

This is the best online course to learn Kubernetes in depth. As you already know Kubernetes can run and manage your containerized applications.

This course will teach you how to build, deploy, use, and maintain Kubernetes.

You will learn how to install and configure Kubernetes (on your laptop/desktop or production-grade cluster on [AWS](#)). After this course, you should be able to run both stateless and stateful applications on [Kubernetes](#).

[KodeCloud](#) also has many great resources on DevOps and Kubernetes like this K8 element map, you can also join their own platform to get access to all of their high-quality cloud and DevOps courses with one single price.



2. Docker and Kubernetes: The Complete Guide

This is one of the comprehensive courses to learn DevOps along with both Docker and Kubernetes. In this course, you will learn how to build, test, and deploy Docker applications with Kubernetes.

The course starts from scratch, i.e. no previous experience with Docker or Kubernetes is required. Along the course, you will build a CI + CD pipeline from scratch with [Github](#), [Travis CI](#), and [AWS](#).

You will not only understand the purpose and theory of Kubernetes by building a complex app but also master the Docker CLI to inspect and debug running containers.



3. [Docker & Kubernetes: The Practical Guide](#)

This is another great course to learn Docker and Kubernetes in 2023. In this Udemy course, you will not only learn the fundamentals of Docker and containers but also some advanced features like Swarm mode, services, stacks, multi-container projects, Docker compose, Deployment, and all about Kubernetes from scratch.

You'll start with installing Docker on the most common development and production platforms - Windows and Mac laptops, Windows Server, and [Linux](#). You will then learn how to create Docker images and deploy those containers using managed services or Kubernetes.

This course is created by one of my favorite Udemy instructors Maximillian Schwarzmuller and his AcadMind team who has created some awesome courses on web development like React and Angular Complete Guide. This course again exceeds expectations with respect to what I have learned about Docker and Kubernetes.



After going through this [best Docker and Kubernetes online course](#), you'll be up and running with a solid understanding of the fundamentals of Docker, along with some game-changing

features.

4. [Docker for the Absolute Beginner - Hands-On - DevOps](#)

This course provides a beginner-level introduction to Docker, the most famous DevOps tool. The course is entirely hands-on, so you will not just learn or listen but do a lot of exercises to actually practice the stuff you are learning.

First, you will learn basic **Docker commands** with hands-on exercises, and then you will learn how to build Docker images using Dockerfiles.

You will also learn Docker Swarm and Docker Compose and build an application stack using Docker Compose Files.

In short, a complete Docker course for beginners with lots of hands-on exercises. Btw, this course is also available on KodeCloud and if you **join KodeCloud**, you will get access to this course as well with a single subscription.



5. [Kubernetes for the Absolute Beginners - Hands-on](#)

Docker provides containers, but they can quickly become messy if you don't manage them. Kubernetes provides a way to manage them.

Kubernetes has emerged as one of the most essential and exciting container management platforms, and in this course, you'll learn the fundamentals of Kubernetes and the 'Kubernetes way.'

First, you'll learn Kubernetes architecture and understand the main components and services, and how they come together to build a production-class container infrastructure.

After that, you'll learn how to install and deploy Kubernetes on several cloud platforms like **GCP**, **AWS**, and **Azure**. Finally, you'll learn how to work with pods, deployments, and services.



After finishing this course, you'll have a solid understanding of what Kubernetes is and how it works, as well as skills to deploy a Kubernetes cluster and simple applications.

That's all about some of the **best courses to learn about Docker and Kubernetes**, two of the most essential tools for **DevOps engineers**. As I have said, Docker provides a container that has now become a standard way to deploy your application because it abstracts a lot of setup stuff. You don't need to worry about inconsistencies in the Operating System, DB version, etc. between the environment.

On the other hand, Kubernetes is the best container management technology, and you will definitely need it if you are going to use containers in production.

All these courses are excellent, but you should join the one which suits you better. I put a lot of focus on the Instructor's style, and whether I can connect to him or not, hence I suggest you join the course where you can connect with the instructor. If you just need one class, make that to **Docker and Kubernetes: The Complete Guide**, merely the best course to learn both Docker and Kubernetes.

Other **DevOps, Cloud, and Programming Courses** you may like

- [The 2023 DevOps Developer RoadMap](#)
- [10 Free Docker Courses for Java and DevOps Professionals](#)
- [Top 5 Courses to Learn Jenkins for Automation and DevOps](#)
- [5 Free Selenium Courses to Learn Automation Testing](#)
- [10 Docker and Kubernetes Courses for Programmers](#)
- [6 Maven Courses for Java Developers](#)
- [10 Things Java Developers Should Learn in 2023](#)
- [3 Best Practices Java Devs Can Learn from Spring Framework](#)
- [10 Tools Java Developers Should Learn in 2023](#)

- [5 Free Spring Framework and Spring Boot Courses](#)
- [Top 5 Hibernate and JPA Courses for Java JEE Developers](#)
- [10 Free Courses to learn AWS and Cloud for Programmers](#)
- [7 Free Kubernetes Courses for Developers](#)
- [13 Best DevOps Courses for Programmers in 2023](#)

Thanks for reading so far. If you like these best Docker and Kubernetes online training courses and classes, then please share them with your friends and colleagues. If you have any questions or feedback, then please drop a note.

P. S. - If you are looking for some free courses to start your DevOps journey and learn essential tools like Jenkins, Docker, and Kubernetes then, you should check out this list of [Free Jenkins, Docker, and Kubernetes courses](#) for DevOps and Programmers.



4 Likes · 3 Restacks

[← Previous](#)

[Next →](#)



A guest post by

Soma

Java and React Developer

[Subscribe to Soma](#)

Comments



Write a comment...

