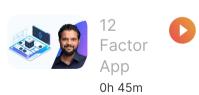




## Learning Path

I Know Nothing Basics Containers IaC Concepts not sure? Find out

Get Your basics right



codebase

dependencies

concurrency

processes

backing services



config build
release and run
port binding
disposability
dev prod parity
logs
admin processes



Learn the basics of DevOps, Networking and Application





6h 30m

linux basics

virtual box networking

vagrant

networking basics

programming basics

database basics

Git

Apache web server

IPs and ports

SSL & TLS basics

YAML





culture considerations
values considerations
crossing teams functions

LEAN - considerations

collaboration and information radiation

technology patterns

value of devops

#### Learn Linux





Linux Shell

Kernel

RunLevels

FileTypes RPM

YUM

DPKG

APG

vi editor

networking

dns ssh

scp iptables

systemd nfs

lvm





2h 0m

command line arguments

variables

arithmetic operations



loops

shebang

e-commerce application project

#### Learn Programming







data types and variables

operators and control flow

arrays

slices

maps

using functions

pointers

struct

methods

interfaces









python basics making decisions

loops





lists

functions

tuples & dictionaries

mock exams

Learn Version Control





Git for Beginners



ın ısm

fetching and pulling

merge conflicts

fork rebasing

interactive rebasing

cherry picking

resetting and reverting

stashing reflog

Learn popular CI/CD tools



Jenkins 2h 45m



installing jenkins plugins

jenkins visuals



#### Ace Container Concepts





4h 0m

containers

images

volumes

container

orchestration

networking

administering jenkins

backup and restore

monitoring jenkins

Jenkinsfile

multistage pipeline

build agents

blue ocean

jenkins security

controller isolation

security pipeline matrix

#### Learn Container Orchestration



#### Kubernetes for Beginners



6h 0m

pods

replicasets

deployments

services

setting up local environment



#### Infrastructure as Code



4h 45m

terraform basics

terraform state

terraform with AWS

remote state

terraform provisioners

terraform import

tainting resources and debugging

terraform modules

terraform functions and conditional



Get to the advanced learning





helm components

helm charts

pipelines

conditionals

with blocks

ranges

named templates

chart hooks

packaging and signing charts









sidecars

envoy

monoliths & microservices

service mesh

istio kiali

gateways

virtual services

destination rules

fault injection

timeouts

retries

circuit breaking

authentication

certificate management

distributed tracing with jaeger



GitOps with ArgoCD

6h 0m

gitops principles

gitops benefits & drawbacks

architecture

webhooks



application health

sync strategies

declarative setup

dex okta connector

bitnami sealed secrets

metrics & monitoring

alertmanager

argocd notifications

CI/CD with gitops

jenkinsfile walkthrough



Prometheus Certified Associate (PCA)

6h 45m

observability fundamentals

prometheus fundamentals

PromQL

dashboarding & visualization

application instrumentation

service discovery push gateway alerting monitoring kubernetes mock exam

Get Career Ready!





Course

5h 30m

linux git

docker

kubernetes helm

Hashicorp

ansible

jenkins and CI/CD

AWS

programming

devops

will it take for me to complete?

I can spend 2 4 6 hours / day



\* This is based on averages from our students. This may change depending on your experience and level of expertise.

# Test your Readiness for Free!

The skills test is a hands-on exam that helps you identify where you stand today in your preparation for your DevOps exam. Do you know about DevOps enough to attempt the exam?

Find out now!

learning paths



















Infrastructure as Code

Certified Kubernetes
Administrator

5 Courses 200h

9 Courses

183h

5 Courses

88h

5 Courses

160h



## learning paths

System
Administrator



Kubernetes
Administrator



Platform Engineer



Site
Reliability
Engineer



13 Courses 341h

12 Courses

250h

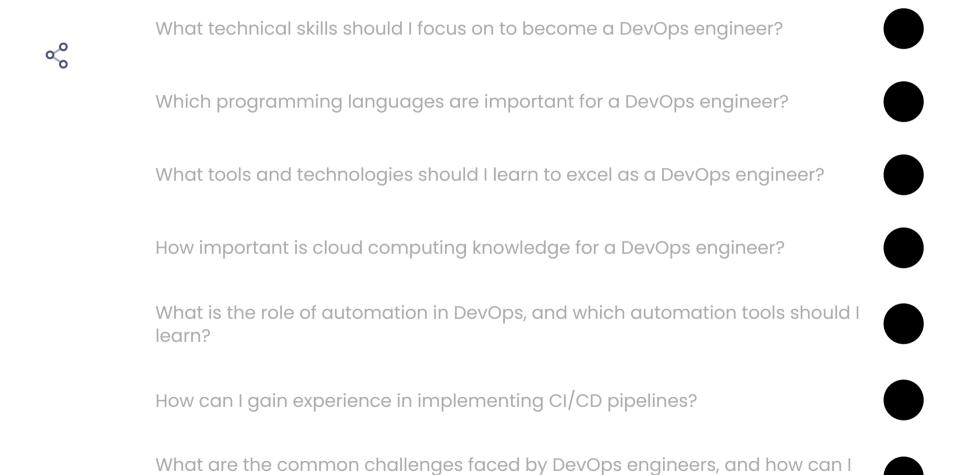
12 Courses

170h

10 Courses

320h

### **FAQs**



prepare to overcome them?

## Are there any specific certifications that can enhance my chances of getting a DevOps engineer job?





LEARNING PATHS	COURSES	COMMUNITY	ABOUT	HELP	YOUR ACCOUNT
DevOps	Certified Kubernetes	Join our community	About Us	Contact Us	My Profile
Kubernetes	Administrator	Teach with Us	Success Stories	Support	
Docker	Certified Kubernetes Application Developer	Write with Us	Our Values	Give us feedback	
Linux	Certified Kubernetes	Ambassadors	Careers at KodeKloud	Request a Course	
IaC	Security Specialist	Academia	Privacy Policy		
AWS	AWS Cloud Practitioner	Affiliates	Terms of Service		
GCP	Microsoft Azure Solutions Architect Expert	Webinars	Business Terms of Service		
Azure	Microsoft Azure Administrator				



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