**Complete RoadMap to become a successful DevOps Engineer**

We all know how DevOps is trending right now. And we know where it is going. Let's get to know what skills will make you a successful DevOps engineer.

**Top DevOps skills for 2023**

1. *Any cloud knowledge and experience* - AWS, Azure and Google cloud

2.*Linux knowledge and scripting* - Basic troubleshooting, intermediate scripting, looking at the logs

3. *Experience in Git, GitHub, Bitbucket*or any version control systems such as SVN, TFVC

4. *Experience in Continuous integrations tools* such as Jenkins, TeamCity, Circle CI

5. *Experience in Infrastructure automation tools* such as Terraform, AWS cloud formation

6. *Experience in Configuration Management tools* such as Ansible, Puppet or Chef

7. *Experience in containers* such as Docker and Kubernetes

8. *Experience in basic to intermediate Scripting*. Advanced scripting needed for Sr.Devops folks.

9. *Ability to troubleshoot* in case builds, deployments failure.

**Soft skills**

Now a days employers are not only looking for strong technical skills but also looking "soft skills" which are essentials to become successful in IT. If you think if you are lagging on any of these skills, no worries. All these skills can be developed and improved over period of time by practicing.

1. Open minded

2. Willingness to learn new skills

3. Communication

4. Approachable

5. "Get it done" attitude

6. Being adaptable.

[**Devops Interview Preparation Tips**](https://www.coachdevops.com/2019/07/tips-for-attending-devops-interviews.html)

Let us quickly review the steps needed for successful interview experience after Devops course is done. This is based on my personal experience and also my ex-students feedback who had gone through coaching program and successfully placed at various customers all over US.  
  
**1. Preparation, preparation and preparation..**

* Plan how you will prepare for the interview. Click [here](https://www.coachdevops.com/2020/04/top-10-devops-popular-tools-popular.html) to see the popular DevOps tools list.
* Have a good resume and review with coach first..
* Start using Devops interview notes...You need to daily refresh all the [questions](https://www.coachdevops.com/search/label/DevOps%20Interview%20Questions) and answers from this document.

2. **Apply out of state or out of city positions first**  
Do not apply local positions at least for your first 5 interviews. You need to get familiar with attending interviews first..So you don't want to loose local opportunity.  
  
3. **Do not wait for the perfect time to apply for the job**  
Time is now! Sometimes people think that once I am done with this and that, I will start applying for a job. Believe me, that perfect time will never come again..  
  
4. **Go extra mile**  
Prepare outside besides what was given during coaching sessions... You need to master all the interview questions and then start looking at google search or youtube for more on devops interview questions.  
  
5. **Share and Network**  
Collaborate. Always share interview questions to the group every time you attend interviews. Also try to find answers for every question you don't know answer for. Discuss lab exercises with friends and Collaboration is the key.  
  
6. **Be open minded and learn every day**  
You need to learn new things every day....Always have the willingness to learn new things. You can subscribe to LinuxAcademy for Devops courses.  
  
7. **Believe that you are true DevOps champion**  
If you don't believe, who else can believe? You need to talk DevOps, walk DevOps and sleep DevOps.. You have done all the lab exercises. Not many people out there in the Market know all these tools.  
  
8. **Make more mistakes now**  
Always attend more interviews, face more failures in the beginning. Failures are stepping stone of the success. Learn how to fail in the interview..Then you will always do better job after a few interviews...DO NOT GIVE UP!!!

**Resume preparation**

1. I will share with you the Resume template
2. Please take payroll company name and details from consultancy (if you are experienced)

not require for fresher’s

1. Please modify your details like Name,Qualification and experience etc
2. Those who are going to apply more than 4+ years of experience don’t mentioned more than two years gap carrier and education
3. Create simpler email ID
4. Once update resume please share with me for review and once verify I will send you back.
5. Create account with new EmailId in Naukari
6. Create LinkedIn profile with same EmailId
7. Upload your resume in Naukari and LinkedIN
8. Update every Day change something in your profile and save it
9. HR will consider latest profiles only.
10. Fill my details form keep with it you always
11. When ever HR called up for the interview ask 2mins time open my details document give proper details.
12. If any one ask your pf account and PAN details kindly check with me before sending
13. Try to schedule third party payroll only because BGV you can clear easily.
14. Keep all your academic marks cards with you.
15. Aadhar and Pancard Mandatory if you don’t have kindly apply at the earliest

Self Introduction:

Hi Sir/Madam

Good Morning/AfterNoon/Evening

My name is XXXXXXXXXXXX and i am basically from your <state>

I have overall 4+ years of IT experience including DevOps.

Currently working with Infosys Bangalore

I worked for multiple projects and teams to achieve their goals.

I have experience on multiple Devops tools like Jenkins,git and github,Maven,Shellscript and ansible

And also containerization tools like docker and kubenetes etc

My Roles and responsibilities:

I am responsible for build and deployment activities using jenkins CI CD Pipeline.

Developer will develop the code and they will commit the code into GITHUB and after that we are performing build and deployment using cicd pipeline into lower environments Dev and test

if there is no bugs in dev and UAT environments then we will raise the PullRequest to merge master. Once approved the PR then we will deployed into production environment

In my current application we are using micro service based architecure,

for containers we are using docker, for orchestration we are using kubernetes.

Here my responsible are managing kubernetes deployment using jenkins pipeline

Apart from this i have to setup cicd pipelines if any new teams on board that time i need to discuss with dev team and installed the dependency software’s like java,maven, git etc.

Please find DevOps Interview questions asked during the interview:  
  
They are simple but we should be able to answer them convincingly.

1. Tell us about yourself..
2. Tell us about your Devops role in your existing project.
3. What is Devops about your perspective ?
4. What are the challenges you faced from DevOps perspective?
5. What is the team size?
6. What are your day to day activities?
7. How do you troubleshoot in case of any errors?
8. Tell me about your Devops tools experience or what are the Devops tools you worked on?
9. Walk us through stages of pipeline you created in Jenkins.
10. What was the difficult challenge you faced and how did you overcome?
11. What is the difference between Git and any other version control systems?
12. What is the difference between Continuous Delivery and Continuous Deployment?

[**Questions to ask after you are done with DevOps interview**](https://www.coachdevops.com/2019/01/questions-to-ask-after-you-are-done.html)

2. What kind of DevOps tools are you using?  
3. What level of automation is currently in place in the team?  
4. What would be my day to day activities, if I am selected?  
5. How are you collaborating within the team? are you using any tools like Slack?  
6. Are you completely migrating to cloud such as AWS or Azure or on-prem also?