

## 1. Cloud Computing.

Around 90% of the companies are adopting the Cloud first strategy.

As your Code will be injected in Cloud. It'll help you to become a leader.

First way, to learn from a skill.

Second is to get certified by a cloud service provider. Basic AWS cloud practitioner is good. But AWS Solutions Architect Associate Certificate is the best and ideal. Pick one Google is less certified people. A good one.

Getting Certification Video links: <https://www.youtube.com/watch?v=sguo6-Xbk3I>

<https://www.youtube.com/watch?v=YEKzldQ9N98>

<https://www.youtube.com/watch?v=Qd0YI9ZMHHs>

## 2. Version Control. Eg Git

If you're working with a team on a same project then you must know something for Version control. Git is one of the most popular among them. It is used to track changes in codebase. You can make separate branch of your main codebase, work on its improvement and then if it works fine after the upgrade. You can then update the existing version. So, if anything unusual happens during the code changes, there's nothing to worry a lot as you're working on a dummy version of the main codebase.

So, merging the code at the end is very easy without having anything break.

You just need to know the basics. If you search videos on Youtube about How to use Git properly, you'll get tons of videos showing the whole mechanism in just an hour. It's actually that much easy to learn. How to clone, create a branch, stage your changes, push your changes.

## 3. Basic Database Knowledge

Every programming job will require you to use SQL commands now and then. Sometimes you may need to write a full SQL script. Maybe sometimes you need to use SQL to complete the project in the way it needs to be done.

Learn Database Vs Tables.

Relational vs No SQL

Relationships like 1 deminee many demine

And basic syntax of SQL

#### 4. Basic Knowledge of Linux

You should learn core linux terminal commands.

Linux file systems.

And know the importance of every folders of linux.

#### 5. Basic Knowledge of Docker in container

You must know the basics of Docker.

Docker learning video Link: <https://www.youtube.com/watch?v=i7ABlHngi1Q>

#### 6. Basic API Knowledge

You should learn the basics.

Learn about rest API's

Routes,

Verbs like get, put, post

Responses, status codes,

You'll also need to learn about authentication and tokens

To learn from scratch, just find an API course on the language you're currently building on.

And remember, you don't need to be an expert.

#### 7. Pipelines Check.

You need to first check your codes before pushing. Because if something wrong happens, you'll be the one responsible to make it right then. So you can use "GitHub Actions" before pushing the code to the main repository.

Use GitHub Actions and get familiar with pipelines.