

## 1. Be Resourceful.

You need to know How to solve any problem so that you may become the information hub or solution point of your team. For this you can use **Stack-Overflow, Documentation, Google** or maybe Ai like **ChatGPT**. One of the easiest ways being this type is to know how to use **ChatGPT** properly.

## 2. You need to have deep knowledge about Version Control

It doesn't mean just to know basic GIT where you'll **create commits, adding to the staging area.**

You need to know more than that. Such as what is **Merge conflicts, Merging and Rebasing Issues.**

You should know,

**Cherry Pick Commits, Take Specific Commits** to one area to another area, **Switch Over to Deploy Branches, Restore Code** to a previous state.

## 3. Data Structures and Code Efficiency

You need to know how you can manage and manipulate a large amount of data in the best way possible so that accessing them easily won't cost you a lot of resources, memory or storage. So, you need to make creative data structures and creative indexing.

## **4. Scripting & Automation**

You need to master the ability to make some simple but recursive stuffs to automate via scripts. You can make those scripts in any language of your choice. They will save a lot of your time. Best developers are always master at automating things.

## **5. Asynchronous Programming**

Almost every developer knows the basics of this trait. But I need you to learn the techniques and best practices to write the most efficient code possible as well as truly understanding the trait.

## **6. CI & CD**

Most of the time, it's a DevOps duty. But in a smaller team, the person who knows deeper about continuous integration and continuous deployment gets a high level of respect.

If you learn just basic things, How to run automated testcases,

How to use GitHub Actions

How to do a simple automatic Deployment

## **7. Clear & Concise Communication**