

## A TINY CHEATSHEET ON

# GIT



**git** is the most popular version control system. Being proficient in git is a must for every developer.

### **git init**

Create an empty repository in the current directory

### **git add [file]**

Add the **[file]**(s) to the *staging area*

### **git commit**

Create a snapshot of all the files in the *staging area*

### **git push [name] [b]**

Push changes to a remote repository called **[name]** to branch **[b]**

### **git pull [name] [b]**

Pull any changes from a remote repository called **[name]** from branch **[b]**

### **git branch**

List all of the branches in your repo. Add a **[branch]** argument to create a new branch called **[branch]**.

### **git remote add [name] [url]**

Add a remote repository with **[url]** and an alias of **[name]**

### **git checkout -b [branch]**

Switch to a branch named **[branch]**

### **git merge [branch]**

Merge branch named **[branch]** with the current one

### **git clone [url]**

Download a git repository from **[url]**

### **git log**

List all the commits in the current branch's history