**Full Stack**

**MEAN Stack**

**MERN Stack**

**MEAN Stack**

**Mongo DB / MySQL**

**Express Module** using JavaScript we can create web application as well as REST full web service.

**Angular Framework** / React JS

**Node JS**

**MEAN Stack**

**Front end Phase 1 and Phase 2**

Phase 1

SDLC Agile

Git

HTML/CSS/Basic JavaScript

Using ES5 style DOM, event, function

Using ES6 style

Babel

Webpack

Overview Of Node JS

Phase 2

TypeScript

Angular Framework 10/11/12 etc

**Phase 3 backend**

Phase 3

Node JS

Module fs, util, url, http module

Express , REST API.

Mongo DB : Database

Mongodb as well as mongoose module.

**Phase 4**

Testing : jasmine, mocha, chai etc

Docker

AWS Overview etc

Visual Studio Code

**VSCode**

**Phase 1**

**Git**

**Version Control System :** Version control system that records or history changes of files or code inside the application.

3 line commit s1,

3 line commit s2,

3 line commit s3

Local version control :RCS : Revision Control system.

Centralized version control : SVN :

c1 c2 c3

Server (Repository ) folder.

Distributed Version Control

c1 c2 c3

Local Rep Local Rep Local rep

Server (Repository ) folder.

Github, bitbucket, AWZ, Azure, Google cloud etc.

We are going to learn Distributed Version control system

Git is type of Distributed version control system.

It is open source.

**Git commands**

**git --version**

to make local folder as local repository we have to run the command as

git init : This command is use to create the local repository. (only one time).

git status : This command is use to display last command status.

git add filename : This command is use to add the file from local folder to git staging area.

git add . : all files and folder present in current directory.

git commit –m “Message” : This command is use to send the file from staging area to local repository.

git config --global user.email "akash300383@gmail.com"

git config --global user.name "Akash"

if we do any changes

git add .

git status

git commit –m “message”

Github is one of the remote repository