Full Stack Python

Module-1 : Python (CorePython, Adv Python)

Module-2 : Python for Data Science (Numpy,Pandas, Matplotlib)

Module-3 : FrontEnd (HTML,CSS,JS,AngularJS)

Module-4 : Backend (Django,RESTAPI)

Module-5 : Database (MySQL,MongoDB)

Module-6 : Tools

Duration Course: 2Months

Python (Collections, functions, classes)

Frontend (HTML,CSS)

Objective of learning of full stack python:

1. Python Developer
2. Frontend Developer (Web Development)
3. Backend Developer (Web Development)
4. Full stack developer (Web Development)

**Types of applications**

1. **Standalone Application**

An application which is executed individually or independently is called standalone application. This application does not required network or internet. This application does not required any other application to run.

Example: Notepad, Cal, Paint, Word, Excel,…

Standalone applications are two types

1. CUI (Command User Interface or Character User Interface)
2. GUI (Graphical User Interface)
3. **Web applications**

An application whose resources are accessed from browser is called web application (OR) an application which access from browser is called web application.

This application required networking (internet/intranet)

**Example:** Chrome, edge, Mozilla,…

1. **Mobile applications**

An application which runs within mobile device is called mobile application.

**Example: PhonePy, GPay, HDFCBankApp, Whatsapp, Instagram**

1. **Distributed applications**

An application whose resources are distributed to other applications is called distributed application.

Web Application is combination of frontend and backend

**What is front end**?

Frontend is nothing User Interface OR what seen inside browser is called frontend. Frontend is used by end user to communicate with application.

**Frontend technologies**

1. HTML
2. CSS
3. JS
4. Angular JS
5. Node Js
6. React JS
7. Bootstrap
8. Tailwind css

**What is backend?**

**Types of web applications**

Web applications are two types

1. Static Web Applications
2. Dynamic web applications

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