PYTHON FULL STACK

Ociuz
ACADEMY

What Is PYTHON FULL STACK ?

The MERN Stack Is An Open Source–Centric Collection Of Technologies That Uses Javascript For Both The Browser And Server Sides Of A Web Application. MERN Is An Acronym For The Four Technologies That Form The Stack: Mongodb, Express, React, And Node. Js.

Python Full Stack Syllabus

➡ PYTHON INTRODUCTION

1. Installation

2. Setting up path

3. Working with Python

4. Basic Syntax

➡ VARIABLES AND IDENTIFIERS DATA STRUCTURES

1. Int

2. String

3. Float

4. Dictionary

5. List

6. Tuple

7. Set

➡ CONTROL FLOW

1. If

2. If – else

3. Nested If –else

4. For

5. While

6. While True

7. Break

8. Pass

9. continue

➡ FUNCTIONS

1. Defining a Function

2. Calling a Function

3. Types of function

4. function arguments

5. Anonymous function (lambda)

6. Recursion

7. Global and local variables

➡ FILE OPERATIONS

1. Reading a text file

2. Overwriting on a text file

3. Appending on a text file

4. Creating new directory using python code

5. Renaming a directory

6. Removing a directory

➡ ERRORS AND EXCEPTIONS

1. Exception

2. Exception handling

3. User-defined exceptions

➡ OOP

1. Class and object

2. Attributes

3. Inheritance

4. Overloading

5. overriding

6. data hiding

➡ REGULAR EXPRESSION

1. Definition and purpose

2. Basic Syntax and special characters

DATABASE CONNECTIVITY- [PYTHON SQL]

➡ TKINTER

1. Server and client side program

2. T_kinter operations

DJANGO Syllabus

➡ INTRODUCTION TO FRONT END

1. HTML

2. CSS

3. JavaScript

4. Bootstrap

INTRODUCTION TO DJANGO

1. Features of Django

2. Understanding Django environment

3. A SIMPLE "HELLO WORLD" APPLICATION

A PROJECT FOR DISPLAYING HYPERLINKS

1. starting a project

2. Django Apps

3. Activating our first app

4. A view that displays a hyperlink

5. Mapping the views to URL

6. Improving views using app

7. Sending data from URL to view

8. Sending data from view to template

DJANGO ADMIN PANEL

1. Setting Up Admin Panel

2. Customizing Admin Interface

3. Managing Users and Permissions

DJANGO MODEL FORMS

1. Introduction To Model Forms

2. Creating and Using Model Forms

3. Customizing Forms

4. Validating Form Data

A PROJECT BUILD WITH DJANGO

Ociuz
SKILLS ACADEMY

+91 8089000806

ociuzacademy@gmail.com
www.ociuz.in

Campus
3rd Floor
Buhari Tower, M.G Road,
Thrissur- 680004

Registered office
LSpace, VIP Road, Near JLN
Metro Station & Stadium,
Kaloor, Kochi- 682017