



COURSE SYLLABUS

# FULL STACK PYTHON-DJANGO

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**DURATION : 3 MONTH**

# MODULE 1

## INTRODUCTION

- Concepts of Web Development
- Installation of All Necessary Tools
- Introduction to Programming
- Basics of Object Oriented Paradigm
- Client- Server Architecture
- Git and GitHub

# MODULE 2

## HTML

- Introduction
- Basic Tags
- Elements
- HTML Attributes
- Formatting
- Shortcut icons
- Images
- Tables
- Comments
- Lists
- Backgrounds
- Forms
- Marquee
- Map

# MODULE 3

## CSS

- Introduction
- Types and Syntax
- Inclusion
- Measurement Units
- Colors
- Backgrounds
- Fonts
- Borders
- Margins & padding
- Video/Audio
- Gradients
- Positions
- Transitions
- Animations
- Tooltips
- Skew Divider

# MODULE 4

## BOOTSTRAP

- Introduction
- Basic Classes
- Heading Tags
- Colors
- Grid System
- Buttons
- Bootstrap icons
- Margin & Padding
- Images
- Alert
- Badges
- Paginations
- Cards
- Dropdown

# MODULE 4

## BOOTSTRAP

- Button Collapse
- Navigation
- Carousel
- Models
- Tool tips
- Pop-Over
- Scroll-spy
- Off-Canvas
- Forms
- Floating-labels

# MODULE 5

## PHOTOSHOP

- Introduction
- Layouts
- Basic Tools
- Drawing
- Text Effects
- Image Resizing
- Poster Creation

# MODULE 6

## JAVASCRIPT

- Introduction
- Display Output
- Variables
- Data Types
- Operators
- Functions & Statements
- Conditional Statements
- Loops
- Events
- Form Validation



# MODULE 7

## PYTHON

- Introduction
- Download and Install
- Variables
- Data Types
- Operators
- Functions & Statements
- Conditional Statements
- Looping
- Sequences
- Python modules
- File handling
- Classes and Objects
- Regular Expressions
- Database handling
- Database Programming with Postgresql

# MODULE 8

## DJANGO

- Introduction
- Installation & configuration
- MVC Architecture
- App Creation
- Urls and Views
- Model Creation
- Template Integration
- Form Processing
- Database Connection
- Sessions
- File Upload
- Admin panel

# MODULE 9

## HOSTING

- Project1
- Project2
- Testing & Debugging
- Deployment





# THANK YOU

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