

# MASTER IN

## PYTHON FULL STACK DEVELOPMENT

**DURATION : 6 MONTHS**

**ELIGIBILITY : PLUS TWO**

- ✔ EXPERT CURRICULUM
- ✔ INDIVIDUAL ATTENTION
- ✔ PROFESSIONAL EDUCATORS



**REGISTER NOW**

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# WHY CHOOSE US?

- » HANDS ON EXPERIENCE
- » MODERN FACILITIES
- » CAREER PREPARATION
- » 3 MONTH INTERNSHIP
- » AI DRIVEN TOOLS
- » FREE LAPTOP
- » LIVE PROJECT

**A Full Stack Development 6-Month Course is an intensive training program designed to teach individuals how to develop complete web applications, covering both front-end (user interface) and back-end (server, database, and logic) technologies. By the end of the course, participants can create fully functional and deployed applications.**

# PROGRAM MODULES

- 1 . PYTHON
- 2 . HTML/CSS
- 3 . BOOTSTRAP
- 4 . JAVASCRIPT
- 5 . MYSQL
- 6 . MONGODB (NON SQL)
- 7 . DJANGO
- 8 . NODEJS
- 9 . REACT
- 10 . GIT

# MODULE 1 : PYTHON

- Python Introduction
- Python Variables
- Python Data Types
- Python Conditions and If statements
- Python Loops
- Python Functions
- Python Classes/Objects
- Python Inheritance
- Python Polymorphism
- Python Modules
- Python Try Except
- Python User Input

# MODULE 2 : HTML/CSS

- HTML Introduction
- HTML Elements
- HTML Attributes
- HTML Text Formatting
- HTML Colors
- HTML Styles - CSS
- HTML Links
- HTML Images
- HTML Tables
- HTML Lists
- HTML Block and Inline Elements
- HTML Layout Elements and Techniques
- HTML Semantic Elements

# CSS

- CSS Introduction
- CSS Syntax
- How to add CSS
- CSS Borders
- CSS Margins
- CSS Box Model
- CSS Outline
- CSS Text
- CSS Colors
- CSS Backgrounds
- CSS Fonts
- CSS Icons
- CSS Links
- CSS Lists
- CSS Tables
- CSS Layout - Display property
- CSS Navigation Bar
- CSS Dropdown
- CSS Image Gallery
- CSS Forms
- CSS Website Layout
- CSS Units
- CSS Math Functions

# MODULE 3 : BOOTSTRAP

- Introduction to Bootstrap framework
- Bootstrap CDN
- Bootstrap Layout Components
- Bootstrap JavaScript Plugins
- Using Bootstrap

# MODULE 4 : JAVASCRIPT

- JavaScript Introduction
- JavaScript Variables
- JavaScript Operators
- JavaScript Data Types
- JavaScript Functions
- JavaScript Objects
- JavaScript Events
- JavaScript Loop
- JavaScript Date Formats
- JavaScript Debugging

# MODULE 5 : MYSQL

- Introduction to MySQL
- MySQL RDBMS
- CRUD operations
- MySQL Joins
- MySQL HAVING Clause
- MySQL NULL Functions

# MODULE 6 : MONGODB(NON SQL)

- MongoDB Introduction
- MongoDB Create Database
- MongoDB Create Collection
- Insert Documents
- Find Data
- Update Document
- Delete Documents
- MongoDB Query Operators
- MongoDB Update Operators
- MongoDB Exercises

# MODULE 7 : DJANGO

- Django Introduction
- Django - Create Virtual Environment
- Install Django
- Django Create Project
- Django Create App
- Django Views
- Django URLs
- Django Templates
- Django Models
- Django Insert , Update , Delete , Update
- Display Data

# MODULE 8 : NODEJS

- Node.js Introduction
- Node.js Modules
- Node.js HTTP Module
- Node.js File System Module
- Node.js URL Module
- Node.js NPM
- Node.js Events
- Node.js Upload Files
- Node.js Send an Email

# MODULE 9 : REACT

- React Introduction
- Upgrade React
- React Render HTML
- React Components
- React Router
- React Memo
- Styling React Using CSS
- Styling React Using Sass
- React Hooks

# MODULE 10 : GIT

- Git and GitHub Introduction
- Git Install
- Git Config
- Started with Git
- Git Commit
- Git History
- Git Help
- Git Branch
- Git Branch Merge
- Git Workflow

# THANK YOU !

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