



COURSE- PYTHON FULL STACK + React Js

DURATION:4 MONTHS

Mode: Online / In-Person / Hybrid

Ideal For: Beginners, Career Switchers, Recent Graduates

Prerequisites: Basic computer literacy; no prior coding experience required

COURSE HIGHLIGHTS

- SPOKEN ENGLISH TRAINING
- INTERVIEW TRAINING
- SOFT SKILLS TRAINING
- 2 MINI PROJECTS & 1 MAIN PROJECT
- INTERACTION WITH DEVELOPERS
- LMS SUPPORT
- APTITUDE TRAINING
- 2 LIVE CLASSES (WEEKLY)
- LIVE SUPPORT 9 AM TO 6 PM (MON-FRIDAY)

Particulars	Amount in Rs	Remarks
Admission punching fee	1000	To be completed along with submission of signed undertaking by the student
Orientation fee (within 10 days)	9000	Should be completed within in 10 days after admission
Monthly instalments (Total 3 instalments - 27000/3)	9000	Monthly installments shall be paid at every 30 days interval from batch inauguration date.
Total fee	37,000/-	



Tools & Technologies

- **Programming Language:** Python, React Js
- **Libraries:** PyQt, Tkinter, NumPy, Pandas, Matplotlib
- **Frameworks:** Flask, Django
- **Development Environment:** IDLE, Pycharm, VScode, ampps

Module 1: PYTHON BASICS

- **Topics Covered:**
 - Introduction to Python programming
 - Data types, variables, data structures and basic operations
 - Control structures (loops, conditionals)
 - Functions and modules
 - OOPS
 - File handling
 - Exception handling
 - GUI
 - Python Libraries
- **Outcome:** Develop foundational Python programming skills.

Module 2: FRONT -END

- **Topics Covered:**
 - Introduction to Web development
 - HTML
 - CSS
 - JAVASCRIPT
 - JQUERY
 - WEBSCRAPING



- React JS
- **Outcome:** Gain proficiency in front end development.

Module 3: BACK END

- **Topics Covered:**
 - Introduction to Flask
 - Flask application
 - Flask authentication
 - Flask SQLAlchemy
 - Flask Project
 - Introduction to Django
 - Project and app creation
 - MVT
 - Templates and statics files
 - Database handling(MYSQL,SQLITE)
 - ORM
 - Forms
 - Authentication
 - Payment Gateway
 - GIT
 - Django Projects
- **Outcome:** Learn to create web application using python frameworks

Module 4: Django Rest API

- **Topics Covered:**
 - Introduction to Django rest framework
 - Project setup
 - API Endpoints
 - Serializers, Viewsets



- Authentication

Module 5: React Js

- **Topics Covered:**

- What is React and how it fits into full-stack development
- Setting up a React app (Vite or CRA)
- Components, JSX, and props
- useState and basic event handling (like a counter or form input)
- Fetching data from a Django REST API using fetch/axios
- Displaying data in lists
- React Router basics (just 2–3 pages)
- Basic styling with Tailwind CSS or plain CSS
- Small project

Add on certifications

IGNET CERTIFICATE

MARKLANCE EXPERIENCE CERTIFICATE

COURSE COMPLETION CERTIFICATE IN PYTHON FULLSTACK

COURSE COMPLETION CERTIFICATE IN REACT JS

PROJECTS

1. Tour Packages Management System

Technology: React + Django

A full-stack application where users browse and book tours, vendors list packages, and admins approve/manage everything.

2. Online Job Portal

Technology: React + Django

Job seekers can register, upload resumes, and apply to jobs. Employers post jobs and manage candidates. Admin handles payments and user roles.



3. Hospital Appointment Booking System

Technology: React + Django

Patients book doctor appointments, doctors manage slots, and admins control system operations. Can include online consultation features.

4. To-Do List App

Technology: Django

A minimal full-stack app to manage personal tasks—add, edit, delete, mark complete.

5. Personal Portfolio

Technology: Flask

A web-based personal portfolio built with Flask, where you can showcase your skills, projects, education, experience, and contact info.