

Full Stack Development



Module 1

HTML, CSS, and JavaScript

- Introduction to Web Development
- HTML Essentials
- CSS Fundamental
- Layouts & Responsive Design
- JavaScript Basics
- DOM Manipulation
- Advanced JavaScript Concepts
- Mini Project

Module 2

MySQL Database

- Introduction to Databases & SQL
- Data Definition Language
- Data Manipulation Language
- Querying Data
- Aggregate Functions & Grouping
- Advanced SQL Concepts
- Database Design Project

Module 3

Java Programming

- Introduction to Java
- Control Flow
- Strings and Arrays
- Object-Oriented Programming
- Advanced OOP
- Exception Handling
- Collections Framework
- Modern Java Features
- Multithreading & Concurrency
- Design Patterns & Debugging
- Final Project

Module 4

Python Programming

- Introduction to Python
- Control flow
- Functions in Python
- Data Structures
- String Manipulation
- File Handling
- Date & Time
- Mini Project

Module 5

C# Programming

- C# Basics
- Control Flow & Loops
- Functions and Methods
- Arrays & Strings
- OOP in C#
- Mini Project

Module 6

ASP.NET & ASP.NET Core MVC

- Introduction to ASP.NET
- Web Controls & Events
- Routing & State Management
- Error Handling & Themes
- ASP.NET Core MVC Fundamentals
- Routing & Actions in MVC
- Working with Razor Views
- Data Access with Entity Framework
- Final Project

Module 7

React JS Programming

- Introduction to React
- Props & State Management
- Events & Conditional Rendering
- Lists & Keys
- Forms & Validation
- Routing with React Router
- Hooks
- Advanced Concepts
- Final Project

