

Full stack python Django React training syllabus

Table of contents

- ✓ HTML
- ✓ CSS
- ✓ JAVASCRIPT
- ✓ BOOTSTRAP
- ✓ JQUERY
- ✓ AJAX
- ✓ REACT
- ✓ SQL
- ✓ PYTHON
- ✓ DJANGO
- ✓ GIT
- ✓ MINI PROJECT
- ✓ MAIN PROJECT
- ✓ WEB DEPLOYMENT

Python

- **Introduction to Python**
- **Python IDE Installation,**
- **Identifiers,**
- **Data types,**
- **Print & Input Functions,**
- **Operators,**
- **Conditional Statements,**
- **Looping,**
- **Control Statements,**
- **String Manipulation Functions,**
- **Pattern Printing,**
- **Set,**
- **List,**
- **Tuple,**
- **List Comprehension,**
- **Dictionaries,**
- **Files,**
- **Modules & Packages,OOPS Concepts,**
- **Database,**
- **MySQL,**
- **Exception Handling,**
- **Functional Programming**
- **Python to DB.**

HTML

- **Introduction to HTML**
- **Tags in HTML**

CSS

- **Introduction to CSS**
- **How to add CSS**
- **CSS selectors**
- **CSS properties**

BOOTSTRAP

- **Introduction to Bootstrap**
- **How to add bootstrap**
- **Bootstrap classes**

JAVASCRIPT

- **How to add JS**
- **JavaScript Events**
- **Form validation using JS**
- **Introduction JQuery**
- **Events JQuery Effects**
- **HTML & CSS manipulation Using CSS**
- **Introduction to JQuery AJAX**
- **JQuery AJAX Methods**

REACT

- **Introduction**
- **Installation**
- **Architecture**
- **React Features**
- **ReactJS - Creating a React application**
- **Simple application using CDN**
- **JSX Components Class**
- **Component Function Component**
- **ECMAScript 6**
- **Arrow Functions**
- **Variables (let, const, var)**
- **Array methods (map)**
- **Spread Operator (...)**
- **Styling Properties Events**
- **Conditionals Lists Forms**
- **Router React Hooks useState useEffect**
- **REST APIs in React**
- **Fetch API**
- **Axios**

Django Framework

- **Creating Virtual Environment,**
- **Django Installation,**
- **Creating Project and App,**
- **Understanding Significance of Project Files,**
- **Django Architecture,**
- **Writing Views,**
- **urls,**
- **Templates,**
- **Models,**
- **ORM Queries,**
- **Template Inheritance,**
- **Django Static Files,**
- **Image Upload and Display,**
- **Django Forms,**
- **Form Validation,**
- **Model Form,**
- **Form Styling,**
- **Function Based Views,**
- **Class Based Views(Template View,Create View, Update View, Detail View,Delete View),**
- **Decorating Class Based View,Django Authentication,**
- **Sending E-mails Using Django ,Django Model Relationships,**
- **Django Custom User Model,**
- **Django-Mysql Connection**
- **Django Rest Framework**

PROJECTS

- **MINI PROJECT USING CRUD OPERATIONS**
- **MAIN PROJECT USING DJANGO ,SQL**

GIT

- **INTRODUCTION TO GIT**
- **UPLOADING PROJECTS TO GIT**

WEB DEPLOYMENT

- **VERCEL**