

Syllabus

The portions included for web development
With Django backend technology.

Web Development Mentorship

Django Technology

1. Introduction to Web Development :

- Overview
- Basic terminologies - web, web page, web site, frontend, backend etc..
- Installation of VS code

2. HTML :

- Structure of HTML
- Basic Tags - b, i, img, a, input, button, div, p etc..
- Tables and special tags - abbr, marquee, mark etc..

3. CSS :

- Syntax and explanation
- Commonly used styles
- CSS selectors
- Flexbox and Grids
- Animations
- Responsiveness

4. Bootstrap :

- Introduction
- Bootstrap Classes
- Flexbox and Grids
- Navigation Bar, Carousel, Model, Displaying content,

5. JavaScript :

- Introduction
- Basic APIs - creating, removing class and ids.
- Pop-up boxes
- Inbuilt functions like eval(), random() etc..
- DOM Eventlisteners.

6. GitHub :

- Introduction
- Repository creation
- Push and Pull
- Hosting Static website

7. Python :

- Introduction and Installation
- Variables, Lists, Tuples, Sets and Dictionaries
- User input, Conditional and looping statements
- Arrays, functions, Recursion

- Numpy
- OOPs basics
- Files Basics

8. Django :

- Getting started with Backend
- Installation
- Project and App creation
- Inbuilt files introduction
- Templates and Static Files
- GET and POST methods in detail
- MVT Architecture
- Static files
- Models
- Dynamic files and Admin Panel
- Migrations
- Loops and Conditions
- ORM theory
- User Registration, Login and Logout System

9. Heroku :

- Introduction
- Deploying to heroku server
- Postgres connection

References

Websites

- W3Schools : [W3Schools Online Web Tutorials](#)
- GeekForGeeks : [GeeksforGeeks | A computer science portal for geeks](#)
- Code Academy : [Learn to Code - for Free | Codecademy](#)
- Stack Overflow : [Stack Overflow - Where Developers Learn, Share, & Build Careers](#)

Instagram

- https://instagram.com/richwebdeveloper?utm_medium=copy_link
- https://instagram.com/developers_community_?utm_medium=copy_link
- https://instagram.com/new_javascript?utm_medium=copy_link
- https://instagram.com/frontendjoe?utm_medium=copy_link
- https://instagram.com/coding.beast?utm_medium=copy_link
- https://instagram.com/i_know_python?utm_medium=copy_link
- https://instagram.com/codehub.py?utm_medium=copy_link
- https://instagram.com/python.hub?utm_medium=copy_link
- https://instagram.com/_python.py?utm_medium=copy_link

Youtube

- https://youtube.com/playlist?list=PLu0W_9III9aqiCUZYRsvtGTXdxkzPyItg
- <https://youtube.com/playlist?list=PLsyebzWxl7poL9JTVyndKe62ieoN-MZ3>
- <https://youtube.com/playlist?list=PL-osiE80TeTtoQCKZ03TU5fNfx2UY6U4p>