Front-end

HTML
• Introduction to Web Development and HTML
• Introduction to Web Development and its importance
• Introduction to HTML: Structure and basic tags
• HTML- Lists
• HTML- Images
• HTML- Table
• HTML- Iframe
• HTML- Form
• HTML Layout
• Creating a simple webpage using HTML

CSS
• CSS basics, classes, ID's
• CSS Borders
• CSS selectors
• CSS Lists
• CSS tables
• CSS Forms
• Working with colors, backgrounds and fonts
• Css box model : Margins, borders, padding
• Creating layout with css : floats, positioning, flexbox, and grid.
• The float property
• The Clear property

JAVASCRIPT
• JavaScript Basics
• JS Synatx
• Variables
• Operators
• Data Types
• Strings
• Functions
• Referencing Elements in JS
• Acess HTML elements from Javascript
• Manipulate CSS properties from JS
• Js Form Validation
• Assignments

JQUERY
• JQuery Introduction
• JQuery Basic Synatx
• JQuery Selectors
• JQuery Event Methods
• JQuery show
• JQuery Hide
• JQuery CSS
• Document Object Model
• Assignments
• JQuery Validation in Project

BOOTSTRAP
• Bootstrap Introduction
• Bootstrap Basic-Print Statements
• Grid System
• BS Paragraphs,blockquotes & lists,list groups
• BS button groups
• Bootstrap Form Controls
• Bootstrap Nav component
• Bootstrap Breadcrumbs
• Bootstrap -jumbtron
• BS Modal
• Bootstrap-Scrollspy
• BS carousel
• Assignments
• A Responsive design website using bootstrap

DATABASE- MYSQL
• MySQL Introduction
• MySQL Create DB
• MySQL Create Table
• MySQL Drop Table
• MySQL Alter table
• MySQL Primary Key
• MySQL Foreign Key
• MySQL Joins
• MySQL orderby, group by

Back-end

PYTHON
- Introduction to Python
- Python Installation
- Identifiers, Data types
- Functions
- Operators
- Conditional Statements, Loops in Python
- Set, List, Tuple List Comprehension, Dictionaries
- Files Modules & Packages
- Programming questions in python

DJANGO
- Creating Virtual Environment
- Django Installation
- Creating Project and App
- Django Architecture
- Writing Views, urls, Templates, Models, ORM Queries
- Django Static Files, Image Upload and Display
- Function Based Views (Insert, Update, Delete, View)
- Django admin
- Django-Database Connection
- Building your first Django app using ORM

GENERAL
- Hosting with AWS
- Git hub
- Live Project