

## WEB DEVELOPMENT (BEGINNER)

Set forth on the path to becoming a web developer with this comprehensive program.

It introduces the pillars of web development, including HTML, CSS, and JavaScript, to craft interactive and dynamic web pages.



### CORE FEATURES

- **Fundamentals of Web Structure:** Introduces HTML, CSS and JS for making webpages, websites and webapps.
- **30 Sessions, 30+ Quizzes, Activities and Projects.**

### CONCEPTS COVERED

#### HTML Fundamentals:

- Page Structure Tags
- Semantic Tags
- Text Formatting
- Link and Navigation Tags
- Media Tags
- Tables and Lists
- Forms and Buttons

#### JavaScript Programming:

- Basic Syntax
- Arithmetic and Logical Operators
- Conditional Statements
- Loops
- Functions
- Event Handling
- Strings and Date Objects
- Implementing Randomization

#### CSS Concepts

- Property-Value Pairs
- Color Styling with Hex Codes
- Box Model and Layout Techniques
- Responsive Design Fundamentals

#### Core Web Techniques:

- Debugging JavaScript Code
- Connecting to External APIs
- Front-End Web Development Best Practices

## PROJECT SHOWCASE



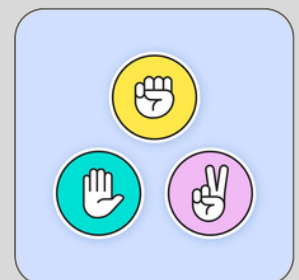
Simple Website



To-do List App



Lap Timer App



Simple Games

## WEB DEVELOPMENT (AI TRACK)

Embark on an innovative journey into web development with a focus on artificial intelligence, exploring the latest AI technologies while building sophisticated web applications.



### CORE FEATURES

- Integrate advanced AI concepts with web development to create dynamic, intelligent web applications.
- 30 Sessions, 30+ Quizzes, Activities and Projects.

### CONCEPTS COVERED

#### Web Development Fundamentals:

- HTML Structure and Semantic Tags
- CSS Styling and Responsive Design
- JavaScript Programming and Event Handling

#### Advanced Web Techniques:

- Dynamic Content Creation
- User Interface Management
- Front-End Development Best Practices

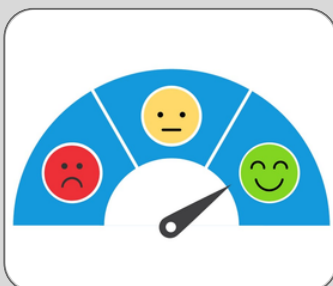
#### Introduction to AI and Machine Learning:

- Introduction to Artificial Intelligence
- Machine Learning Models

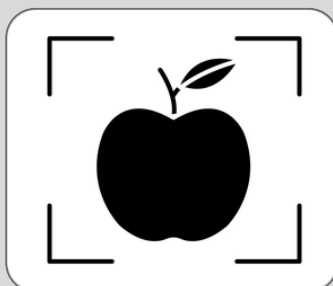
#### AI Applications:

- Sentiment Analysis
- Object Detection
- Image Classification
- Real-Time Predictions

## PROJECT SHOWCASE



Sentiment Analyzer



Object Detection