

Welcome to ineuron.ai



Advanced Web Development

Description:

In this course, you will learn how to make interactive web pages using Bootstrap, JavaScript, React, and Node. This course will focus on practical aspects of web page development with a focus on good programming habits. After knowing the fundamentals you can create a website layout according to your imagination with animations and effects to support your beautiful responsive website.

Start Date:

Doubt Clear Time:

Course Time:

Features:

Live instructor lead classes

Completion certificate

What we learn:

Web Development

Bootstrap

Javascript

React

Node

Requirements:

System with Internet Connection

Interest to learn

Dedication

Instructor:

Name:

Monal Kumar

Description:

Monal Kumar is a data scientist and instructor working at iNeuron having 2+ years of total experience in both service and product-based organisations. He is specialised in Deep Learning, Computer vision and Image processing. Previously, he held positions as a support configurator at Wipro Technologies and as a Deep Learning researcher at Harptec Research. Offering the finest possible services to his clients. In addition to his primary job function, he is recognised for his creativity and ideas that change the nature of the existing problem.

>Introduction to Advanced Web

Development :

>>Course Introduction

>>Who is this course for?

>>Course Overview

>>Course Outcome

>>Introduction to advanced web development

>Bootstrap:

>>Introduction to Bootstrap

>>Bootstrap in Project

>>Containers

>>Buttons

>>Alerts

>>Badges

>>Button Groups

>>Cards in Bootstrap

>>Grids

>>Advance Column Properties

>>Image Slider

>>Dropdowns

>>Modal in Bootstrap

>>OffCanvas

>>Popovers

>>Spinners

>>Toast

>>Accordion

>>Bootstrap Navs

>>NavBars in Bootstrap

>>Forms

>>Helper Classes

>>Utilities Classes

>>Flex

>>Interactions

>>Utilities Properties

>>Typography in Bootstrap

>>Handling in Images & Tables

>>Building a Bootstrap Website

>Assignment1:

>>Design your own Bootstrap website.

>Javascript:

>>Introduction to Javascript

>>Running Javascript in Browser

>>Console

>>Strings & Numbers

>>var, let & const

- >>Data Types
- >>Type Conversions
- >>Arithmetic Operators
- >>Assignment Operator
- >>Comparision Operator
- >>Logir Not, Or and And
- >>Swap Numbers
- >>String Handling
- >>String Searching
- >>Arrays
- >>Objects
- >>Dates
- >>Maths
- >>If & Else
- >>Challenge - If & Else
- >>Switch Case
- >>Challenge - Switch Case
- >>JS Loops
- >>For Loops
- >>Nested Loops
- >>Break & Continue
- >>Arrays, Strings & Objects
- >>For-in
- >>For-of

- >>While Loops
- >>Do while Loops
- >>Loops Exercies
- >>Functions
- >>Variable Scopes in Functions
- >>Nested Functions
- >>Parameters & Arguments
- >>How function is useful?
- >>Return in Function
- >>Anonymous Functions
- >>Calculator Exercise
- >>Arrow Functions
- >>forEach
- >>maps
- >>String Literals
- >>Filter, Reduce & Every
- >>Spread Operator
- >>Window & Document
- >>Document Access
- >>innerText & innerHTML
- >>HTML Calculator
- >>Query Selector
- >>Styling in JS
- >>Advance DOM Manipulation

>>Events

>>Basic Events

>>Time Events

>>Pop-up Boxes

>>Error Handling

>>Form Validation

>Assignment2:

>>Implement Stack data structure operations with Javascript

>React:

>>Introduction

>>Folder Structure

>>JSX

>>Expressions and Literals

>>CSS in React

>>Nested Components

>>Greeting App

>>Props

>>Conditional Rendering

>>useState

>>Arrays & Objects in useState

>>Forms

>>ToDo app with useState

- >>useEffect
- >>useRef
- >>React Router Dom
- >>Context
- >>fetch API
- >>Axios
- >>React-Hooks-Forms
- >>Memo
- >>Callback
- >>Sockets
- >>Charts with Sockets
- >>Custom Hooks
- >>React Redux Introduction
- >>Redux
- >>Redux-thunk
- >>Ecommerce with Redux
- >>React Bootstrap Introduction
- >>React Bootstrap
- >>Material-ui Introduction
- >>Material-ui Buttons
- >>Material-ui Slider
- >>Material-ui Typography
- >>Material-ui Forms
- >>Material-ui Grids

>>Material-ui Cards

>**Assignment3:**

>>Create youtube with react

>**Nodejs:**

>>Introduction & Installation

>>Global Objects

>>Modules

>>OS Module

>>Path Module

>>Fs Module

>>Advance Fs

>>NPM

>>Http Server

>>Events

>>Streams

>>Express

>>Serving Files

>>Router

>>Post ,Query & Parameters

>>Adding routes & Validation

>>Middlewares

>>Controllers

- >>Serving FTP & Compression
- >>Async Express Route
- >>Save API's from DDoS Attack
- >>Uploading & Downloading
- >>Nodemailer
- >>Error Handling
- >>Embedded Javascript Templates

>Assignment4:

- >>Create youtube Api

>Course Summary :

- >>Course Outro
- >>Future learning path