



FULL STACK WEB DEVELOPMENT

SPECIALISED PROGRAM
60 DAYS

Our Alumini work at



WHO ARE WE? *

Edu-versity is a comprehensive platform, bridging the gap between Industry based mentors and students. We have curated a wide range of programs consisting of projects, offering practical knowledge and helping them in shaping their career.

We envision becoming a cost-efficient learning partner for every student by providing flexible, virtual specialised programs in collaboration with top-notch companies designed to inculcate industry-required skills along with personal and professional grooming.

Our organisation works on a basic tenet of **Invest, Imbibe and Innovate**.

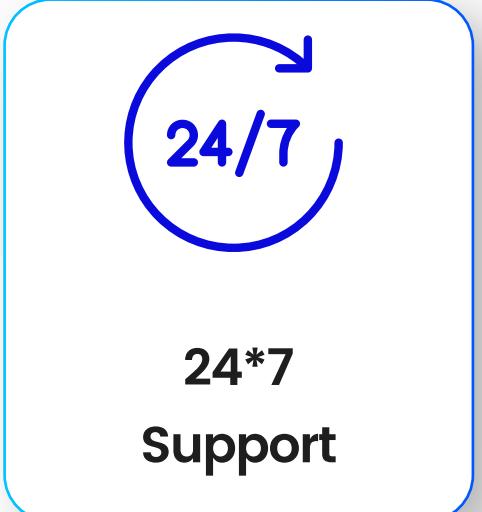
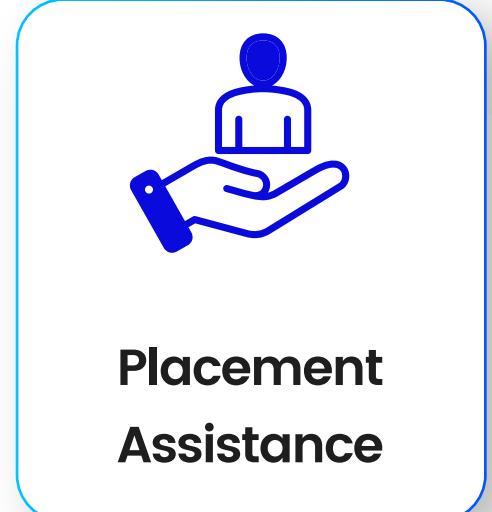
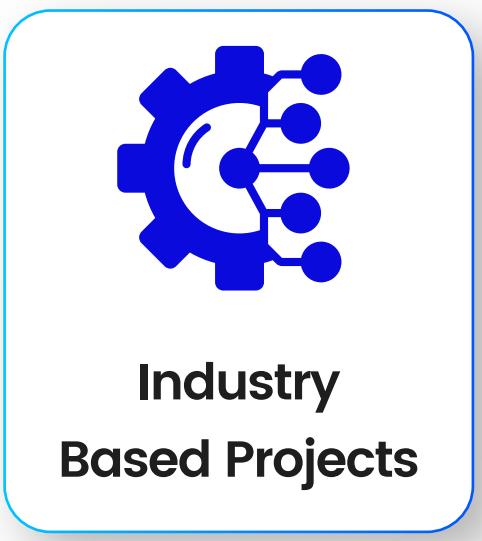


WHY CHOOSE US?



Edu-versity offers end-to-end skillsets, knowledge-based support, and helps students get job opportunities.

Our unique features are:



WHAT IS WEB DEVELOPMENT?



Web Development, also known as website development, refers to the tasks associated with creating, building, and maintaining websites and web applications that run online on a browser. It may, however, also include web design, web programming, and database management.

Web Development is closely related to the job of designing the features and functionality of apps (web design). The term development is usually reserved for the actual construction of these things (that is to say, the programming of sites).



SCOPE OF WEB DEVELOPMENT

The Web Development Market size is to grow from **USD 6.9 billion in 2021** to **USD 14.3 billion by 2030**, at a Compound Annual Growth Rate (CAGR) of 25.7% during the forecast period. This program will advance your career as a Full Stack Developer.

You'll learn to build and deploy interactive applications and services, explore the advanced concepts of Frontend and Backend development, and apply them in real-time web applications. Design dynamic websites and make your own scalable Portfolio website.



CAREER OPPORTUNITIES

- Applications Developer
- Game Developer
- Multimedia Programmer
- Web Content Manager
- UX Designer and Researcher
- Frontend Developer
- Backend Developer



HOW CAN YOU START YOUR JOURNEY AS A WEB DEVELOPER?

Enrol in Edu-versity's specialised program of Industrial Training and Internship in collaboration with 150+ partnered companies. Get taught by industry experts and build **3+ real-time projects**.

Receive globally accepted certifications and enhance your job opportunities through our placement assistance program.



SPECIALISED PROGRAM CURRICULUM



INDUSTRIAL TRAINING

Session 1

- Introduction to Full Stack Web Development
- What is Mern Stack
- Components of Mern Stack
- HTML
- CSS
- Javascript
- React.js
- Node.js
- Express.js
- Mongo DB



Session 2

- Introduction to HTML
- Creating webpage with HTML
- What are tags
- Basic format of webpage

Session 3

- HTML Attributes
- What is HTML Attributes
- Usecases of HTML Attributes
- Style Attributes

Session 4

- HTML Formatting Elements
- What is Formatting Elements
- Types of Formatting Elements
- Usescases of HTML Formatting Elements

Session 5

- Hyperlinks and Images
- What are Hyperlinks
- Usecases of Hyperlinks
- Understanding HTML Images
- Usecases of HTML Images

Session 6

- HTML Lists
- What are HTML Lists
- Types of HTML Lists
- Understanding with Applications



Session 7

- HTML Tables
- What are HTML Tables
- What are table cells
- Creating a table in HTML
- Storing data in table format

Session 8

- HTML Inputs
- What are HTML Inputs
- Case study of Ignou
- Text Inputs Usecase
- Number Input Usecase
- Checkbox Input Usecase
- Radio Button Input Usecase
- Password Button Input Usecase

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● Session 11

- CSS - Backgrounds and Borders
- How to set images as Background
- Using Container
- Adding Borders

● Session 12

- CSS - Margins and Padding
- Usability of Margin and Padding
- Implementation of Margin and Padding
- Height and Width Property

● Session 13

- Kickstarting JavaScript
- What is JavaScript
- Understanding Syntax
- Implementation of JavaScript via HTML and CSS

● Session 14

- Basic Functions of JavaScript
- Understanding Var, Let and Const keywords
- Coding with JavaScript

● Session 15

- JavaScript Operators
- What are JavaScript Operators
- Types of Operators
- Understanding usage using examples
- Execution of Operators

● Session 16

- JavaScript Functions
- What are JavaScript Functions
- Types of Functions
- Understanding usage using examples
- Execution of Functions

Session 17

- JavaScript Control Statements
- Relevance of Control Statements
- Types of Control Statements
- Understanding with Applications

Session 18

- JavaScript Switch Statement
- Applications of Switch Statements
- Execution of Switch Statements

Session 19

- JavaScript Looping Statements
- Relevance of Looping Statements
- Types of Looping Statements
- Understanding via usecases
- Execution of Loops

Session 20

- JavaScript Arrays
- What is a JavaScript Array
- Creating an Array
- Understanding via a Program

Session 21

- JavaScript JSON
- What is a JavaScript JSON
- Features and Usability of JSON
- Storing arrays in JSON
- Execution with the help of JSON



● **Session 22**

- JavaScript Object Oriented Programming
- What is Object Oriented Programming
- Understanding property and behaviour of objects
- What is a class
- Creating an Object
- Understanding using examples

● **Session 23**

- Kickstarting React.Js
- What is React.Js and applications
- Installation of React.Js
- Understanding Visual Studio Code

● **Session 24**

- React.Js Components
- Understanding React.Js Components
- Casestudy of Amazon.in
- What are external components

● **Session 25**

- React.Js Props
- What are React.Js Properties
- Detailed understanding with a Sample Code

● **Session 26**

- Limitation of Props
- Exporting multiple components
- React.Js States
- Updating React.Js States

● Session 27

- React.Js Events
- What is an event
- Difference between React Js and JavaScript events
- Using multiple Functions

● Session 28

- React.Js Forms
- What are React.Js Forms
- Features of Forms
- Handling and Working of Forms
- Understandig execution via a sample program

● Session 29

- Kickstarting Node.Js
- Limitation of Java Script
- What is Node.Js
- Applications of Node.Js
- Installation of Node.Js
- Execution of a Node File

● Session 30

- Node.Js Modules
- Basics of Node Modules
- Installation of Node Modules
- Importance of Node Modules
- Use of Node Modules
- Creating Node Modules
- Understaing with an example

● Session 31

- Node.Js HTTP Module
- Relavance and Applications of HTTP Module
- Implementation of HTTP Module
- Understanding use via a Realtime example

● Session 32

- Node.Js Forms
- Application of Forms
- Creating Forms

● Session 33

- Node.Js File System Module
- What is a FSM
- Applications of FSM
- Understanding Execution via a program

● Session 34

- Kickstarting Express.Js
- What is Express.Js
- Understanding MVC Approach
- Installation of Epress.Js
- How to use Express.Js

● Session 35

- Express.Js Requests and Reponse
- What are Request and Response Objects
- Applications of Request and Response Objects
- Understanding via a Prorgam

● **Session 36**

- Express.Js Sessions and Cookies
- What are Sessions and Cookies
- Applications of Sessions and Cookies
- Understanding usability in a Program

● **Session 37**

- Kickstarting MongoDB
- What is MongoDB
- Difference between SQL and non-SQL databases
- Installation of Database
- Beginning with server of MongoDB

● **Session 38**

- Deep Diving into MongoDB
- Connecting MongoDB with Node.Js
- Running crude commands in MongoDB with NodeJs



QUIZ

ADVANCE INTERNSHIP PROJECTS

Project 1

- Developing a tribute webpage using HTML and CSS.

Project 2

- Developing Result Management System(Front End) using React.Js

Project 3

- Developing Performance Management System(Full Stack) using MERN Stack



OUR AUTHORISED CERTIFICATION PARTNERS



ADOBE



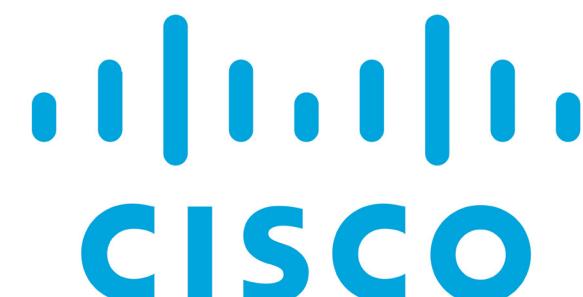
MICROSOFT



QUICKBOOKS



AUTODESK



CISCO

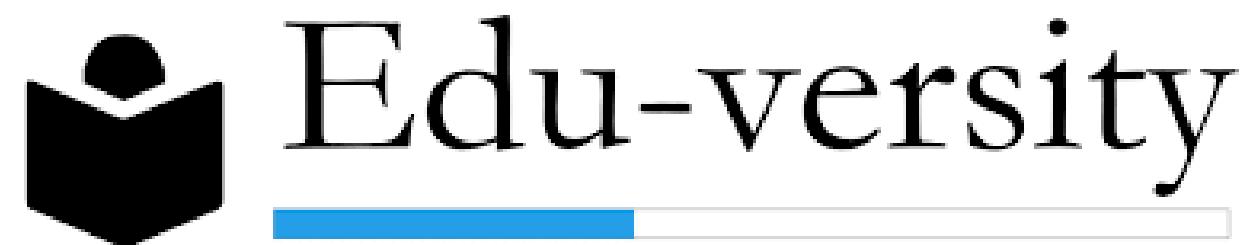


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