



Web App Development & Designing ready for Cloud with Microsoft Azure

Introduction to web Development

Introduction To Web Development How web applications work
An introduction to HTML and CSS Tools for web development How to view deployed web pages
Five critical web development issues

Coding, Testing, and Validating a Web Page

The HTML syntax
The CSS syntax
How to test, debug, and validate HTML and CSS files

How To Use HTML To Structure a Web Page

The head section
Text elements
Structuring the content of a page
Links, lists, and images
A structured web page

Using CSS To Format The Elements of a Web Page

An introduction to CSS Measurements and colors Selectors
Cascading Style Sheets How to work with text
A web page that uses external style sheets

How To Use The CSS Box Model For Spacing, Borders, and Backgrounds

An introduction to the box model
How to size and space elements
A web page that illustrates sizing and spacing
Borders and backgrounds
A web page that uses borders and backgrounds

How To Use CSS For Page Layout

Floating elements in 2- and 3-column layouts
Two web pages that use a 2-column, fixed-width layout
Using CSS3 to create text columns
Positioning elements
Lists and Links
Coding lists

Formatting lists Working with links Navigation menus

Responsive Web Design

Introduction to Responsive Web Design Fluid design

CSS3 media queries

A web page that uses Responsive Web Design

Images

Basic skills for working with images Advanced skills for working with images Related skills for working with images

Tables

Basic HTML skills for coding tables Basic CSS skills for formatting tables Other skills for working with tables

Forms

How to use forms and controls
Other skills for working with forms
How to use the HTML5 features for data validation
How to use the HTML5 controls
A web page that uses HTML5 data validation

Audio and Video

An introduction to media on the web
How to add audio and video to a web page
A web page that offers both audio and video

Fonts and Printing

How to embed fonts in a web page
The skills for formatting printed web pages
A two-column web page with print formatting

CSS3 Transitions, Transforms, Animations, and Filters

Java SScript

Introduction to javascript Introduction of client side script
Introduction of javascript Cross browser issues.
Declaration syntax of javascript Statements
Comments Popup Boxes Alert Confirm Prompt
Variables, Arrays and Operators
Variables
Operators
Arithmetic
Assignment Comparison Logical
Document object model

Functions and types

Conversion functions

Programming Concept if

if...else

if...else if...else Switch

Loop

while

do...while

for

for...in Statement Break

Continue

Designing tools

Start with Website Setting

Planning a Layout and Learn to Insert HTML codes

Connecting and Preparing CSS files

Working with Text styles and Images

A knowledge on Margin, Paddings and Borders

Go Through CSS Editor in Dreamweaver

Making of Enquiry and Feedback Forms

Tabbed and Accordin Panels

Positioning and Layers Making Navigation

Menus

Adding Rollover Effects

Understanding Java Behaviours

Publish and Manage your website to online server

Cloud Concepts

In this module, you will learn basic cloud concepts.

Lessons

Learning Objectives

Why Cloud Services?

Infrastructure-as-a-Service (IaaS), Platform-as-a-Service (PaaS) and Software-as-a-Service (SaaS)

Public, Private, and Hybrid cloud models

After completing this module, students will be able to:

Understand general cloud computing concepts

Core Azure Services

In this module, you will learn the basics of core services available with Microsoft Azure.

Lessons

Core Azure architectural components
Core Azure Services and Products
Azure Solutions

Azure management tools

After completing this module, students will be able to:

Understand core services available with Microsoft Azure

Security, Privacy, Compliance, and Trust

In this module, you learn about security, privacy, compliance, and trust with Microsoft Azure.

Lessons

Securing network connectivity in Azure

Core Azure Identity services

Security tools and features

Azure governance methodologies

Monitoring and Reporting in Azure

Privacy, Compliance, and Data Protection standards in Azure

After completing this module, you will:

Understand security, privacy, compliance, and trust with Microsoft Azure

Azure Pricing and Support

In this module, you will learn Azure pricing and support models available with Microsoft Azure.

Lessons

Azure subscriptions

Planning and managing costs

Support options available with Azure

Service lifecycle in Azure

After completing this module, you will:

Understand pricing and support models available with Microsoft Azure.

Hosting & Deploying web Application on the cloud

Project



Assessment



Training



Project work



Post Training

support



Online Aptitude prep



Certification

Training | Assessment | Certification | Mini Project



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