Building an App with ASPNET Core and Angular

Module 1: Introduction to Web Application Development

What is a web application?

Client-server architecture

Introduction to ASP.NET Core and Angular

Module 2: Building the Backend API with ASP.NET Core

Setting up a new ASP.NET Core project

Creating a data model

Implementing controllers and actions

Securing the API with authentication and authorization

Module 3: Building the Frontend UI with Angular

Setting up a new Angular project

Creating components and services

Implementing routing and navigation

Styling the UI with CSS

Module 4: Connecting the Backend and Frontend with APIs

Introduction to APIs

Creating APIs with ASP.NET Core

Consuming APIs with Angular

Handling errors and exceptions

Module 5: Deployment and Hosting

Deployment options for ASP.NET Core and Angular applications

Hosting the application on Azure

Configuring and securing the production environment

Continuous deployment with Git and Azure DevOps