

.NET and GitHub Development

Duration 4 days 32 hours.

Day 1 (8 Hours)

Front-End – HTML (Essentials Only)

HTML Structure & Common Tags

- Boilerplate structure and basic tags (p, h1, div)
- Attributes and tag nesting rules
- 1 basic demo

Forms, Inputs, Tables (No JS/CSS)

- Input types and submission behavior
- Table layout basics
- 1 basic demo

Semantic HTML & Accessibility

- Tags like <article>, <nav>, <section>
- ARIA roles and screen reader tips
- 1 basic demo

HTML Integration with APIs (e.g., Copilot, Bots)

- How HTML connects with external JS SDKs
- 1 basic demo

When to Use HTML vs Low-Code/No-Code Builders – No Demo

- Comparing HTML development vs tools like Power Pages
- Time/cost trade-offs for prototyping

Day 2 (8 Hours) (Kentico without demo)

Kentico + .NET (CMS s MVC)

Kentico Overview – CMS vs EMS – No Demo

- Core features of Kentico Xperience
- Use cases in marketing and content

Page Builder, Content Tree, & Widgets

- How marketers and editors use drag-and-drop
- Template-based layout system
- 1 basic demo

Integration with ASP.NET MVC

- Architecture: decoupled front-end
- Controller-view interaction model
- 1 basic demo

Site Management & Admin Essentials

- Users, roles, workflows, and content staging
- Admin panel overview
- 1 basic demo

Day 3 (8 Hours)

GitHub Copilot s Agentic AI

What is Copilot – Capabilities and Ecosystem – No Demo

- Real-time AI pair programming
- Supported tools (VS Code, JetBrains, CLI)

Agentic AI – Task Chaining and Autonomy – No Demo

- What makes an AI “agentic”
- Differences from basic LLMs

Copilot Studio Overview – Low-Code Agent Builder

- Natural language prompt-based agent design
- 1 basic demo

Enterprise Scenarios – Developer & Business Agents – No Demo

- Email summarizers, PR reviewers, policy assistants
- Where Copilot fits in Microsoft ecosystem

Day 4 (8 Hours)

OpenAI on Azure

Azure OpenAI Service Overview – No Demo

- What’s available and how it works
- Key differences from OpenAI.com access

Key Models: GPT-4, Embeddings, Assistants – No Demo

- When to use which model
- Overview of use cases (chatbot, summarizer, codegen)

Access, Deployment & Integration Options

- Provisioning a resource
- Authentication and access tokens
- 1 basic demo

Use Cases: Chatbots, Summarization, Code Help – No Demo

- Demo-style explanation (without building)
- Prebuilt connectors in Power Platform, Dynamics