SharePoint 2013 for Developers
en environnement Visual Studio

Hands-on course of 5 days - 35h
Ref.: HPD - Price 2024: CHF3 220 (excl. taxes)

THE PROGRAMME

last updated: 01/2018

1) Introduction to development in SharePoint 2013
- Architecture and artifacts.
- Web Application Model and SharePoint in the Cloud
- Documentation and best practices.
- Recommended outside tools.

2) Server Object Model
- The main spaces and subspaces of names.
- Managing common objects SPSite, SPWeb, SPList, etc.
- Managing application pages and error pages.
- Managing authorizations and auditing the SharePoint farm.
- Windows projects and SharePoint projects (SPContext).
Hands-on work : Working with the Server Object Model via application pages.

3) Visual Web Parts
- Developing and deploying a visual Web Part.
- Customizing a Web Part's property window.
- Developing a connection between two Web Parts.
- Customizing a Web Part's menu.
Hands-on work : Creating visual Web Parts.

4) Flow management
- Default flows.
- Developing a flow with SharePoint Designer 2013 and VS 2012.
- Creating activities. Deploying flows.
Hands-on work : Creating a flow involving validation, document transfers, and tasks.

5) Data management
- Managing list data: CAML and LINQ queries.
- Managing external data via BCS.
- WCF Data Services and oData queries.
- Synchronous and remote event receivers
Hands-on work : Writing queries

6) Client Object Model (CSOM)
- Object Model for .NET, JavaScript, Silverlight.
Hands-on work : Designing a Web App via ECMAJavascript.

7) Customizing the user interface
- Customizing v4.master and creating styles.
- Customizing the menus via CustomAction.
- Customizing the ribbon via CommanUIExtension.

- SP.UI infrastructure for dialogue boxes.
Hands-on work : Customizing menus and the ribbon.

8) Deploying solutions
- SharePoint WSP solutions and diagram of a feature (SPFeature).
- Artifacts deployed and activated via a feature.
- Events attached to features.
- Notion of "Feature Stapling".
- Managing the updating of SharePoint applications.
Hands-on work : Deploying an application.

DATES

REMOTE CLASS
2025 : 17 Mar, 02 Jun, 08 Sep, 17
Nov