

SharePoint Online Developer Training

Course Content

By: Bijay Kumar – Microsoft MVP

Module-0: What You Want?

- Do you want to become a SharePoint developer?
- Do you want to become a Power Platform developer?
- Do you want to become a SPFx developer?
- Do you want to become a SharePoint Site Owner

Module-1: Introduction to SharePoint

- What is SharePoint, and why organizations use it
- SharePoint Userbase
- Types of Users in SharePoint
- Different Ways to Access SharePoint
- SharePoint On-Premises Vs SharePoint Online
- What is Microsoft 365
- Various Microsoft 365 Plans
- Sign up for a Microsoft 365 Developer tenant (FREE & Trial)
- Access Various Microsoft 365 Apps
- Microsoft 365 Admin Center
- Working with Users and Groups in Microsoft 365
- Access SharePoint Online
- SharePoint Online Admin Center

Module-2: SharePoint Sites

- Understanding SharePoint site collections, Sites and Subsites
- SharePoint Site Structure
- SharePoint Team Sites Vs. SharePoint Communication Site
- Create Different Types of SharePoint Sites
- Microsoft 365 Group Connected Sites and Other Types of Sites
- Customize a SharePoint Site
- Working with Theme, Header, Footer, etc.

- SharePoint Left, Top Navigation and Mega Menu
- SharePoint Site Contents and Site Settings Page
- Recycle Bin in SharePoint Site
- SharePoint Modern vs. Classic Site

Module-3: SharePoint Libraries

- Introduction to SharePoint document libraries
- Create, Edit and Delete Document Library
- Add, Upload, Edit and Delete Documents in a Library
- Working with Different Types of Columns and Meta Data
- Folders in Document Library
- Move or Copy Files, Folders
- Document Versioning
- Check-in & Check-out Documents in Library
- Working with Views in a Document Library
- Conditional Formatting Views in a Library
- Working with Automated Rules in a Library
- New Features of a Document Library

Module-4: SharePoint Lists

- Introduction to SharePoint List
- Different ways to create a list in SharePoint
- Working with Columns in List
- Add, Edit, and Delete Items from a SharePoint List
- Various List templates
- Content Approval in SharePoint List
- Calculated Columns in SharePoint
- Working with SharePoint List Views
- SharePoint List Versioning
- SharePoint List View Formatting, Conditional Formatting
- Group By

Module-5: SharePoint Pages and Web Parts

- Understanding Pages in SharePoint
- Different Types of SharePoint Pages
- Create a Page in SharePoint

- Customize SharePoint Site Pages
- Understanding Modern SharePoint Web Parts
- Working With Various Modern SharePoint Web Parts
 - Hero Web Part
 - News Web Part
 - Quick Links Web Part
 - List Web Part
 - Library Web Part
 - People Web Part
 - Call to Action Web Part
 - Highlighted Content Web Part
 - Events Web Part
 - Group Calendar Web Part
 - Organizational Chart Web Part
 - Quick Chart Web Part
 - Twitter Web Part
 - YouTube web Part, etc.

Module-6: SharePoint Permissions

- Understanding Permissions in SharePoint
- Introduction to Microsoft 365 Groups
- Share a SharePoint Site
- Access Request Settings in SharePoint Online
- SharePoint Team site permissions
- SharePoint Communication Site Permissions
- Working with User Permissions
- Share with Anonymous Users or External users
- SharePoint list or library permissions
- Item or document level permissions
- Audience Targeting in SharePoint Online

Module-7: SharePoint Search

- Introduction to Search in SharePoint
- Search in Entire SharePoint
- Search in SharePoint Site
- Search in SharePoint Library
- Search in SharePoint List

- SharePoint Site Search Reporting

Module-8: Microsoft Teams

- Introduction to Microsoft Teams and Its Features
- How to use Microsoft Teams
- Create a Team and Join an Existing Team
- Manage Teams and Members
- Create and manage Channels
- Attaching Files and Images
- Sharing Files
- Video and Audio Calls
- Schedule a Meeting and Live Events
- Record a Video Meeting
- Understanding Microsoft Teams Apps
- Add Tabs to a Channel

Module-9: SharePoint Online Development using SPFx (SharePoint Framework)

- Introduction to SharePoint Framework (SPFx)
- Set up development environment for SPFx
- Create your first SharePoint Framework Web Part
- Package and Deploy SPFx Client Side Web Part
- Configure Custom Properties in an SPFx web part
- Introduction to SharePoint Framework Extensions
- Application Customizer Extensions
- Field Customizer Extension
- ListView Command Set Extension
- Search Query Extension
- Form Customizers
- SPFx Library Components
- Working with External Libraries in SPFx
- Connect to SharePoint APIs in SPFx
- Connect to Microsoft Graph APIs in SPFx

Module-10: Microsoft Power Apps

- Introduction to Microsoft Power Apps

- Build your first Power Apps App from SharePoint & Excel
- Power Apps Designer Interface
- Power Apps Data Sources & Connectors
- Various Controls in Power Apps
- Understanding Power Apps Variables
- Understanding Power Apps Collections
- Customize SharePoint List Forms using Power Apps
- Power Apps Functions with Examples
- Various Power Apps App Examples

Module-11: Microsoft Power Automate

- Introduction to Power Automate
- Various Types of Flows in Power Automate
- Power Automate Flow Templates
- Various Connectors in Power Automate
- Power Automate Flow Actions & Triggers
- Power Automate Flow Expressions
- Functions in Power Automate
- Various Flow Examples in Power Automate

Module-12: Microsoft Power BI

- Introduction to Microsoft Power BI, Power BI Service and Power BI Desktop
- Power BI Data Sources
- Power Query Editor
- Power BI Data Model
- Create Power BI reports
- Power BI Visualizations Examples and Formatting
- Filter Power BI reports
- Embed Power BI report to SharePoint Online and Microsoft Teams
- Working with Power BI DAX
- Power BI Measures
- Calculated Columns in Power BI

Module-13: Microsoft Copilot

- Introduction to Microsoft 365 Copilot
- Copilot in Power Platform

- Copilot in Power Apps
- Copilot in Power Automate
- Copilot in Power BI
- Copilot Studio Power Virtual Agents

Module-14: Microsoft PowerShell & PnP PowerShell

- Introduction to PowerShell for SharePoint Online
- SharePoint Online Management Shell
- Introduction to PnP PowerShell
- Working with SharePoint Sites using PowerShell & PnP PowerShell
- Working with Lists using PowerShell & PnP PowerShell
- Working with Libraries using PowerShell & PnP PowerShell
- SharePoint Online Management Shell Examples

Module-15: SharePoint Migration

- Introduction to SharePoint Migration
- SharePoint Migration Approaches
- Various Migration Tools

Bonus Module

- How to Prepare for SharePoint Developer Interviews