

Developing Microsoft SharePoint with Subscription edition

Prerequisites: HTML, CSS, JavaScript and Basics of React

Module1: SharePoint Framework

- Why SharePoint Framework
- Modern Tool Chain

Module2: Preparing your environment

- SPFx development environment (including versions)

Module3: Typescript

- What is Typescript
- Usage
- Language
- Variables
- Functions
- Interfaces and Classes
- Promises and Async/Await
- Other Features
- Modules
- Summary

Module4: SharePoint Framework Client Web Part

- What is a Client Web Part?
- Creating a project
- Exploring Project Contents
- Running Your Project
- Web Part Configuration

Module5: Client Web Part Properties

- Web Part Properties
- Adding Properties
- Using Properties
- Preconfigured Entries
- Custom Properties
- Advanced Configuration

Module 6: Working with SharePoint Data

- Interacting with SharePoint Components
- Performing CRUD Operation

Module7: Build and Deploy a Framework solution

- Overview
- Bundling
- Packaging
- Deployment
- Site Specific App Catalog
- Deploying Assets
- Features
- Versioning

Module 8: SASS

- What is SASS?
- The Language
- Variables
- Types
- Comments
- Nested Rules and Properties
- Partials
- Extend
- Mixins
- Functions

Module 9: SharePoint Framework Extensions

- Extensions Overview
- Creating Extensions
- Application Customizers
- Field Customizers
- Command Sets
- Extension Deployment