

KOENIG SOLUTIONS • COURSE OUTLINE

Developing Microsoft SharePoint with Subscription Edition

9

MODULES

50

TOPICS

PREREQUISITES

- HTML, CSS, JavaScript and Basics of React

LEARNING OBJECTIVES

- Explain the purpose and tool chain of SharePoint Framework
- Configure an SPFx development environment
- Apply TypeScript language features such as interfaces and async/await
- Build client web parts and configure their properties
- Implement CRUD operations against SharePoint data
- Package and deploy framework solutions to an app catalog
- Apply SASS variables, nesting, mixins and functions for styling
- Develop SharePoint Framework extensions and command sets

9 Modules, 50 Topics

01

SharePoint Framework

TOPICS

Why SharePoint Framework · Modern Tool Chain

02

Preparing Your Environment

TOPICS

- SPFx development environment (including versions)

03

Typescript

TOPICS

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

04

SharePoint Framework Client Web Part

TOPICS

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

05

Client Web Part Properties

TOPICS

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

06

Working with SharePoint Data

TOPICS

Interacting with SharePoint Components · Performing CRUD Operation

07

Build and Deploy a Framework Solution

TOPICS

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

08

SASS

TOPICS

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

09

SharePoint Framework Extensions

TOPICS

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

WHAT IS INCLUDED

Everything You Need to Succeed

- Koenig course material for every module
- Delivery by certified instructors and subject matter experts
- Hands-on exercises throughout the course
- Course completion certificate from Koenig

ABOUT KOENIG

Who We Are

Established in 1993, Koenig Solutions is a globally recognised training provider with 35+ technology partnerships, 5,000+ training programmes and a network of certified instructors and subject matter experts, supporting individuals and enterprise teams worldwide.

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