

# ICM-400: Intershop 7 – Progressive Web App

## Description

In this training you'll learn technologies and concepts which enable you to develop a modern and state-of-the-art web frontend. This frontend uses REST-calls as data stream and uses Angular for an adequate rendering. This training will cover some of the fundamental Angular basics but most important their usage in conjunction with the Intershop Commerce Management to demonstrate the capabilities of a REST-based Storefront.

The practical tasks are meant to demonstrate the customization of exactly this frontend.

## What you will learn

- ▶ Angular Basics
- ▶ Simple Angular Projekt with
  - ▶ How to use Visual Studio
  - ▶ components, pages, routing, lazy loading
  - ▶ conditions, loops etc., REST-calls
- ▶ Intershop PWA (Progressive Web App)
  - ▶ folder structure
  - ▶ warehouse use case
  - ▶ smart components vs. presentational components
  - ▶ lazy loading, state handling
  - ▶ stock use case, stocks use case
  - ▶ localization, image

## Pre-Requisites

- ▶ Basic knowledge of Angular
- ▶ Basic knowledge of JavaScript
- ▶ Basic knowledge of CSS
- ▶ REST

## Duration

2 days

## Target Audience

- ▶ Frontend Developer

## Practical Exercises

75%

## Tools

- ▶ Intershop Commerce Management
- ▶ Visual Studio Code
- ▶ Course files

## Books

Training manual