

Application Architecture in Angular Nx

Course code: ANGULAR_Nx

In this course, you will learn how to use the latest features and functions that the latest version of Javascript brings. Javascript is a very dynamic language and every year a new version brings new and practical features. In this course, we will teach you how to use them and improve your skills and applications.

Affiliate	Duration	Course price	ITB
Praha	2	15 400 Kč	20
Brno	2	15 400 Kč	20
Bratislava	2	660 €	20

The prices are without VAT.

Course terms

Date	Duration	Course price	Type	Course language	Location
25.11.2024	2	15 400 Kč	Presence	CZ/SK	GOPAS Praha
09.12.2024	2	660 €	Presence	CZ/SK	GOPAS Bratislava prezenčne
27.01.2025	2	15 400 Kč	Presence	CZ/SK	GOPAS Praha
12.05.2025	2	15 400 Kč	Presence	CZ/SK	GOPAS Praha

The prices are without VAT.

What we teach you:

- We will teach you how to use the Nx library and design a robust architecture for your projects.

Who the course is for:

- The course is intended for developers who want to use and improve their applications in the Angular framework.

Required skills:

- We will teach you how to use the Nx library and design a robust architecture for your projects.

Teaching methods:

- Professional explanation with practical samples and examples.

Teaching materials:

- Powerpoint handouts and module printouts.

Course syllabus:

Introduction

- What is Nx?
- Environment settings
- Creating an Nx workspace

The theoretical part

- Explanation of Monorepo and its use on the frontend and backend
- Distribution of applications in Nx architecture
- Division of libraries in architecture Nx
- Component types in Nx
- Types of web services in Nx
- Sharing classes across a file structure
- Dependency graph injector
- Best practices

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Practical part

- Generating applications
- Generating libraries
- Injectory
- Generating shared interfaces
- Creating a sample backend server and communication with the frontend

Prerequisites

- Basic knowledge of JS
- Basic knowledge of HTML
- Basic knowledge of Angular at the level of the introductory course (knowledge of component creation, service)

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