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.

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?
- Enrinment settings
- Creating an Nx workspace

The theoretical part
- Explanation of Monorepo and its use on the frontned 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

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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