

Xamarin and .NET MAUI Courses

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Price: USD 300

Part 1 – Xamarin (starts in August 2021)

Module 1 – Xamarin Introduction

- What is Xamarin
- Setup and Configuration
- Project structure

Module 2 – Xamarin Controls

- Pages
- Layouts
- Basic Controls
- Styles
- Templates
- Navigation
- Xamarin.Forms Shell
- Creating your own controls

Module 3 – MVVM

- Data Binding
- The MVVM pattern
- Collection Controls

Module 4 – Local storage

- Preferences
- Local databases

Module 5 – Services

- Creating a REST API with .NET 5
- Remote databases interaction (consuming REST API)
- Implementing JWT in REST API
- Authentication

Module 6 – Xamarin.Essentials and Xamarin Community Toolkit

Module 7 – Maps

- Pins
- Points of Interest
- Polygons and Lines

Module 8 – Native Implementation

- Dependency Service

Custom Renderers
Native Controls
Binding Native Libraries

Module 9 – Selected Topics I

Triggers
Effects
Behaviors
Gestures
Visual State Manager
Converters

Module 10 – Selected Topics II

Multilanguage applications
Barcodes and QR code
Monetizing your application
Generating PDF documents
Push Notifications

Module 11 – AppCenter

SDK (Monitoring, Analytics, Testing)
Distribution
CI/CD

Module 12 – CI/CD with GitHub Actions

Module 13 – Publishing your app

Preparing your app
Ad-hoc distribution
Publishing in the store

Part 2 – .NET MAUI (starts in January 2022)

Modules to be decided (because it is still in Preview), but there will definitely included topics such as:

- Introduction
- Setuo and Configuration
- Migrating a Xamarin app to .NET MAUI
- Custom Handlers