# XAMA - Software Development with Xamarin Forms

ITCore Sviluppo - Xamarin - Sviluppo

| Durata: | Lingue: | Certificazione: |
|---|---|---|
| **3 Giorni** | **Italiano** | **-** |

## Descrizione del corso

Durante il corso, esploreremo i vari modelli di Blazor, approfondendo le best practice per creare componenti riutilizzabili, gestire lo stato e integrare API. Attraverso esercitazioni pratiche, imparerai a sviluppare applicazioni scalabili, ad alto impatto visivo e con elevate prestazioni, sfruttando appieno il potenziale di C# e .NET in un contesto web.

## Programma

1. Introduction to Mobile Development
2. Mobile development technologies comparison
    - Native development
    - Cross platform development
    - Cross platform mobile development vs Platform solutions
3. Development paradigm: MVVM
    - Interrelations
    - Data Binding
    - Application lifecycle
4. Introduction to Xamarin Forms
    - C# and .NET
    - XAML support
    - Platform specificity
    - Binding infrastructure
5. Anatomy of an app
    - Cross platform solution templates

- Project organization
- Development process
- XAML vs Code

6. Building the user interface
    - Layouts
    - Grids
    - Styles
    - Controls
    - Collections
    - Transforms
    - Animations
    - Triggers
    - Behaviours
7. Event programming
    - Processing events
    - Data management
8. Page navigation
    - Modal and modeles
    - Menu
    - Data transfer
9. Local data management
    - File management
    - Local database
10. Data Storage Management
    - Web services usage
11. Platform specific API
    - Shared Asset Project
    - Portable Class Library
    - Platform specific issue