XAMA - Software Development with Xamarin Forms

ITCore Sviluppo - Xamarin - Sviluppo

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

Descrizione del corso

This course deals with the principles of cross-platform development with the Xamarin platform which allows the development of iOS and Android applications using .NET and, therefore, the C # language.

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