Course : Mendix, mastering low-code development for advanced applications

Practical course - 4d - 28h00 - Ref. MND
Price : 2630 € E.T.

NEW

This course will enable you to design and develop complex Mendix applications, incorporating advanced features such as artificial intelligence, process automation and third-party systems integration.

Teaching objectives

At the end of the training, the participant will be able to:

- Identify the fundamental concepts of low-code/no-code
- Create and deploy web and mobile applications with Mendix
- Integrate advanced functionalities such as APIs and databases
- Optimize and debug your applications

Intended audience
Beginner or intermediate developers, IT students, entrepreneurs and any professional wishing to acquire Mendix application development skills.

Prerequisites
Basic knowledge of web or mobile development, and an understanding of programming fundamentals.

Practical details
Hands-on work
The trainer alternates between demonstrative, questioning and active methods** (through practical work and/or role-playing).

Course schedule

1 Introduction to Mendix and first steps in low-code

- Introduction to the concept of low-code and its implications for rapid application development.
- Overview of the advantages and limitations of low-code platforms.
- Introduction to Mendix: presentation of the environment and main features.
- Introduction to the Mendix environment and its main features.
- Explore Mendix's user interface to get started.

Hands-on work
Creation of a first simple project: a presentation website with several pages (home, services, contact), to familiarize yourself with Mendix's basic functions.

2 User interface design and data management

- User interface design with Atlas UI: widgets, layouts and customization.
- Page navigation: application structuring and UX design organization.
- Introduction to data management: database integration and connection with external APIs.

Hands-on work
Development of a product management application with pages such as product lists, product additions and product details.

3 Interactive features and user management

- Introduction to advanced functions: forms and user data entry.
- Manage interactivity in the application: field validation and conditional logic.
- Authentication and user management: security integration and role management.

Hands-on work
Create a feedback form: add interactive fields, validate entries and send data to a database.

4 Debugging, optimization and deployment

- Debugging techniques to identify and correct common errors in Mendix.
- Optimizing application performance: best practices and tools.
- Deploy applications on a distribution platform (cloud, servers, etc.) and manage updates.

Hands-on work
Debug an application and improve performance using Mendix's integrated tools.

Dates and locations

REMOTE CLASS
2026 : 24 Mar., 16 June, 29 Sep., 8 Dec.

PARIS LA DÉFENSE
2026 : 17 Mar., 9 June, 22 Sep., 1 Dec.

TEACHING AIDS AND TECHNICAL RESOURCES

- The main teaching aids and instructional methods used in the training are audiovisual aids, documentation and course material, hands-on application exercises and corrected exercises for practical training courses, case studies and coverage of real cases for training seminars.
- At the end of each course or seminar, ORSYS provides participants with a course evaluation questionnaire that is analysed by our instructional teams.
- A check-in sheet for each half-day of attendance is provided at the end of the training, along with a course completion certificate if the trainee attended the entire session.

TERMS AND DEADLINES

Registration must be completed 24 hours before the start of the training.

ACCESSIBILITY FOR PEOPLE WITH DISABILITIES

Do you need special accessibility accommodations? Contact Mrs. Fosse, Disability Manager, at psh-accueil@orsys.fr to review your request and its feasibility.