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Angular Material UI training: Creating responsive UIs
2 days (14 hours)

Presentation

Our Angular Material UI training course will enable you to master the creation of modern, responsive web applications. Angular MUI lets you use a wide range of interface components to optimize the user experience of your Angular applications. **Angular Material UI is** a library of elements that can be used to design applications in line with Google's material design principles. It adapts to all media, screen sizes and resolutions. In this course, you'll learn how to use Angular Material UI for your web applications. Responsive and responsive design will be covered, as well as the features that make the library extensive. The course will be based on Material UI version 15, the latest release.

Objectives

- Configuring Angular MUI
- Creating an optimized user interface
- Configuring responsive designs

Target audience

- **React developers**
- Web developers

Prerequisites

- React basics

Material UI training program

Introduction to MUI

- **MUI benefits**
- React applications
- Installation
- MUI configuration
- Available resources

Navigation

- Overview
- Optimization
- Boilerplate cleanup
- Appbar components
- Tabs

Responsive menu and design

- **Menus**
- Using menus
- Responsive Design
- Lists
- Media

Layouts

- Social Media icons
- Footers
- Grid
- Active tab footer
- Responsive Grid

Landing Page

- Entertainment
- Hero-block
- Service Blocks
- Revolution block
- Information block

Complex layouts

- **Services pages**
- Custom Software Development page
- IOS development page
- Responsive Design
- Revolution pages

Input Validation and confirmation

- Textfielsd
- Contact
- Dialogues

Google Cloud functions

- Firebase
- Nodemailer

Companies concerned

This course is aimed at both individuals and companies, large or small, wishing to train their teams in a new advanced computer technology, or to acquire specific business knowledge or modern methods.

Positioning on entry to training

Positioning at the start of training complies with Qualiopi quality criteria. As soon as registration is finalized, the learner receives a self-assessment questionnaire enabling us to assess his or her estimated level of proficiency in different types of technology, as well as his or her expectations and personal objectives with regard to the training to come, within the limits imposed by the selected format. This questionnaire also enables us to anticipate any connection or security difficulties within the company (intra-company or virtual classroom) which could be problematic for the follow-up and smooth running of the training session.

Teaching methods

Practical course: 60% Practical, 40% Theory. Training material distributed in digital format to all participants.

Organization

The course alternates theoretical input from the trainer, supported by examples, with brainstorming sessions and group work.

Validation

At the end of the session, a multiple-choice questionnaire verifies the correct acquisition of skills.

Sanction

A certificate will be issued to each trainee who completes the course.