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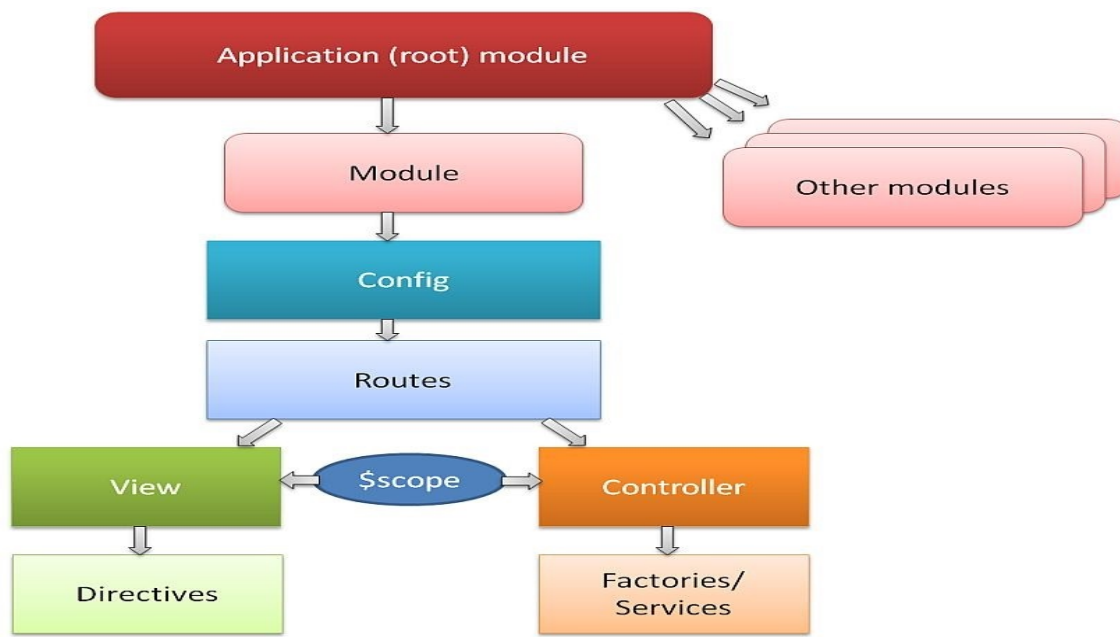
Overview

Let eMexo Technologies **Best Angular Js Training in Electronic City Bangalore** take you from the fundamentals of Angular Js to Advance Angular Js and make you an expert in developing real time Angular Js applications. Here are the major topics we cover under this AngularJS course Syllabus Introduction, Dynamic Binding, Directives, Controllers, Scope, Services, Factories, Expressions, Expressions, Custom Directives, Routing, Making an API Call, Modules, Dependency Injection. Each topic will be covered in practical way with examples.

All the topics will be covered with Practical and hands on training. Our trainers have industry experience with live project experience in cutting edge technologies which they teach. We hire only Best Angular Js industry specialists as trainer for our Angular Js trainings.

Come over to our training institute for a free demo class. Let our trainer give you a demo on Angular Js and only then you take the decision to enroll into the training program.

Training Features

Expert Instructors

60 hours of Instructor led Classes. Weekend class:20 sessions of 3 hours each and Weekday class:30 sessions of 2 hours each.

Real life Case Studies

Do a real life case study to understand the usage on real world scenarios.

Assignments

Each class will be followed by practical assignment switch can be completed before the next class.

Unit 1 : GETTING STARTED WITH ANGULAR

- Building Blocks of Web Application Development

- Web Application Architecture

- Introduction to Angular

- Angular Architecture

- Building blocks of Angular

- Angular Installation

- Angular CLI

- Angular CLI commands

- Understanding files in Angular

- Hands-On

Unit 2 : ANGULAR COMPONENTS AND DATA BINDING

- Working of Angular Applications

- Angular App Bootstrapping

- Angular Modules

- Decorators and its types

- Angular Components

- Creating A Component Through Angular CLI

- Ways to specify selectors

- Template and styles

- Installing bootstrap to design application

- Hands-On

Unit 3 : DATABINDING AND ANIMATIONS

- Databinding

- Types of Databinding

- Component Interaction using @Input and @Output decorator

- Angular Animations

- Component Life-cycle Hooks

- Hands-On

Unit 4 : ANGULAR DIRECTIVES AND PIPES

- Understanding Angular Directives

- @Component Directive

- Structural Directives

- Attribute Directives

- Custom Directives

- Pipes

- Built-in Pipes

- Chaining pipes

- Custom pipes

- PipeTransform Interface & Transform Function

- Hands-On

Unit 5 : ANGULAR SERVICES AND DEPENDENCY INJECTION

- Angular service

- Need for a service

- Dependency Injection

- Creating a service

- Hierarchical Injector

- Injecting A Service into Another Service

- Observables

- Hands-On

Unit 6 : RXJS AND HTTPCLIENT

- RxJS Library

- Angular's Interaction with Backend

- Parts of an Http Request

- HttpClient

- Hands-On

Unit 7 : ANGULAR ROUTES AND NAVIGATION

- Angular Router

- Setting Up Routes

- Adding Routes Using RouterLink

- Wildcard and Redirecting Routes

- Adding Navigation Programmatically

- Passing Route Parameters

- Extracting Parameters Using ActivatedRoute

- Optional Route Parameters

- Child Routes

- Route Guards

- Location Strategies

- Hands-On

Unit 8 : HANDLING FORMS IN ANGULAR

- Angular forms

- Types of forms

- Underlying building blocks of the form model

- Template-driven vs Reactive forms

- Template-driven forms

- Reactive Forms

- Dynamically adding data to a form

- Hands-On

Unit 9 : VALIDATING ANGULAR FORMS

- What is Form Validation?

- Types of Form Validation

- Built-in Validators

- Form control's status and validity

- Form Validation methods

- CSS classes for Form control

- Custom validators in Template Driven Forms

- Hands-On

Unit 10 : AUTHENTICATION WITH JWT AND SECURITY

- What is Authentication?

- Authentication and authorization

- Types of Authentication

- Where to store tokens?

- JSON Web Tokens (JWT)

- Authentication in Angular application

- Security threats in web application

- Hands-On

Unit 11 : TESTING AND APPLICATION DEPLOYMENT IN ANGULAR

- Testing

- Why should we perform testing?

- Types of testing

- Testing Angular application using Jasmine and Karma

- Maintaining application code using Git

- Version control system

- Why should we use Git?

- Git file workflow

- Running application on production server: Nginx

- Architecture of Nginx

- How to configure Nginx?

- Deployment of an application using Docker

- Problems before containers

- How containers solve the problems

- What is Docker?

- Docker file

- Docker image

- Docker containers

- Docker hub

- Basic Docker commands

- Hands-On

FAQs

1.How is the training organised? How much percentage is theoretical and how much is practical hands on?

We at eMexo believe nothing beats a hands-on practice when it comes to learning a concept. Our teaching methodology is 100% practical hands-on oriented. You learn a concept, you practice it then and there with the trainer. We also give you assignments for each topic which you can practice at home and any doubts regarding the topic can be cleared with the trainer next day.

2.What is the course duration ? How and when do you plan to complete the course ?

We generally cover our courses in 60 hours, however, we are aware that we can't put a hard- stop to learning with a number. Our trainer will make sure that you have learned everything that is part of the curriculum. This could mean 48 hours or 60 hours, doesn't matter.

3.What is the material provided in the training ?

We have industry standard course material which is used by our trainers to train you. At the end of the training apart from the notes which you have taken during the course, we will also provide you with the training material which was used. This training material includes the training content, interview questions etc.

4.Do you help in preparing for the interview ?

Our trainers are working professionals who work in MNC's. They are the expert in their domain and they know exactly what an interviewer looks into a candidate. Our expert trainers apart from sharing the interview questions they will also conduct mock interviews to help you prepare for the real interview.

5.Who are your trainers ?

Our trainers are industry experts who work in their respective technologies day in day out. They work in MNC's and are technology experts within their organisation.

6.What is the total batch size per course?

We maintain a strict batch size of maximum 5 students. We also provide exclusive one to one training as well. Talk to our training partner to get more details.

7.Do you provide certification for the course?

Yes, at the end of training we provide a certification of completion.

8.Will I be joining a new batch or be merged with another batch ?

You will be added to a new batch.

9.Is fast track training available?

Yes, we provide fast-track training as well for those who want to complete the course faster. The curriculum and the total hours required to complete the course will remain same. However, the trainer will be spending more hours with you to complete the course.

10.Do you assist in job placement ?

Our trainers are expert professionals in their organisations and they often act as the interviewer to hire new candidates. Our trainers will help you prepare your resume with industry standards. After all, they know exactly what to look in a resume.

11.Timings for trainings - Regular training/weekend training

We provide both regular and weekend training. Talk to our training partner to learn more about the timings.

12.Will you be working on a live project during training ?

Yes, apart from doing the hands-on practice our trainer will also be taking a real-world project and work with you for the implementation.

13.What happens if I miss a class?

If you miss a class the content of that class will be taught to you again. With us you might miss a class but not the content.

14.Can I attend a demo before the actual class?

Yes, absolutely! Talk to our training counsellor on phone at 9513216462 or email us at info@emexotechnologies.com to arrange for a free demo. You can also fill in the contact us form below and we will call you to discuss your training requirements.