



Angular JS Certification Training

Table of Contents

1. About the Program
2. About Intellipaat
3. Key Features
4. Career Support
5. Why take up this course?
6. Who should take up this course?
7. Program Curriculum
8. Project Work
9. Certification
10. Intellipaat Success Stories
11. Contact Us



About the Program

This Angular online certification training is designed to help you create web applications and deploy Angular CLI, Angular components, TypeScript, Bootstrap, and more. You will learn Angular dependency injection, directives, pipes, forms, routing, HTTP promises, and more through hands-on projects.

About Intellipaate

Intellipaate is one of the leading e-learning training providers with more than 600,000 learners across 55+ countries. We are on a mission to democratize education as we believe that everyone has the right to quality education.

Our courses are delivered by subject matter experts from top MNCs, and our world-class pedagogy enables learners to quickly learn difficult topics in no time. Our 24/7 technical support and career services will help them jump-start their careers in their dream companies.

Key Features



**24 HRS INSTRUCTOR-LED
TRAINING**



24 HRS SELF-PACED TRAINING



**48 HRS REAL-TIME
PROJECT WORK**



LIFETIME ACCESS



24/7 TECHNICAL SUPPORT



**INDUSTRY-RECOGNIZED
CERTIFICATION**



**JOB ASSISTANCE THROUGH
80+ CORPORATE TIE-UPS**



FLEXIBLE SCHEDULING

Career Support



SESSIONS WITH INDUSTRY MENTORS

Attend sessions from top industry experts and get guidance on how to boost your career growth



MOCK INTERVIEWS

Mock interviews to make you prepare for cracking interviews by top employers



GUARANTEED INTERVIEWS & JOB SUPPORT

Get interviewed by our 400+ hiring partners



RESUME PREPARATION

Get assistance in creating a world-class resume from our career services team



Why take up this course?

Angular is a structured framework for dynamic web applications that are much simpler to create. This is due to its lesser coding, the usage of the HTML framework as the basic template, and the extension of its syntax and reach. The ease with which it can work with the MVC components makes Angular such a popular technology. This Angular certification training gives you hands-on experience in working with Angular by applying it in real-life projects. This way, after completing the training, you will be well-equipped with the skill set to work in the real world for top salaries.

Who should take up this course?

- Web Application Programmers, Software Developers, and IT Professionals
- Testing Professionals and Software Architects
- Those aspiring for a career in Web Development

Program Curriculum

Angular JS Course Content

1. INTRODUCTION TO ANGULAR

What is Angular? What are its features and advantages? Understanding the Angular technology stack and Angular library components

2. TYPESCRIPT

What is TypeScript? What is its need? How to install TypeScript? Nodemon for monitoring changes, interfaces in class, string templates, maps, sets and object de-structuring, var, let, and const keywords

3. FEATURES OF ANGULAR

The top features of Angular, CLI prompts, Angular Compiler, dependency and document updates, Angular elements, and improved accessibility

4. HOW TO BUILD WITH ANGULAR COMPONENTS

Building with Angular Components, building web components, custom elements, Angular CLI, ng-packagr, the lifecycle of Angular Components, creating a component, and deeper nesting

5. RESPONSIVE WEB DESIGNING

What is a responsive web design? Building responsive web design with Angular, introduction to Bootstrap, creating responsive layouts with Bootstrap, and code design for responsive websites

6. EVENT BINDING

What is event binding? How to create event binding in Angular? Building directives, template model, and what are SystemJS and Webpack? Responding to DOM events mostly created by users and getting inputs by binding to these inputs

7. DEPENDENCY INJECTION

Understanding dependency injection, the dependency injection API, Angular framework for dependency injection, coding pattern for dependencies, and the overview of service and how to create a service

8. DIRECTIVES IN ANGULAR

The function of a directive in Angular, extending the power of HTML, giving it a new syntax, various types of directives, how to create a custom directive, and different types of built-in directives and custom structural directives

9. PIPES IN ANGULAR

What are pipes in Angular and their features? Transforming value in Angular template, various built-in pipes in Angular, how to use them in any template and creating a custom pipe in Angular

10. FORMS IN ANGULAR

What are forms in Angular and what are their functions? Advantages of forms, template-driven forms, reactive forms, and what is Angular validation and model driven approach?

11. ANGULAR ROUTING

What is Angular Routing? Its fundamentals, benefits, and features, building a single page application and updating it dynamically with Angular Routing, and what are Parameter Routing, Router Lifecycle Hooks, and Child Routes?

12. PROMISES AND OBSERVABLES

What are promises and observables in Angular? Comparing the two, handling HTTP requests with a promise, resolving multiple values with observables, RxJS library for reactive programming with observables, and interacting with http get() in Angular and HTTP post

13. TESTING ANGULAR APPLICATIONS

Introduction to testing Angular applications, setup and tools for testing, deploying Angular test bed for testing on the Angular framework, testing services in Angular, and E2E and DOM testing

Project Work

Angular JS Projects Covered

1. Angular CLI

In this project, you will be working on creating a book store project by making use of the Angular CLI command.

2. TypeScript

Here, you will write a 'hello world' program using Visual Studio, perform hoisting for variables and functions, create variables using different declarations, create an Employee class with several data members, implement the OOPs concept, implement the de-structuring concept, create a set and a map of employee objects, create a module that performs different operations, etc.

3. Data Binding

In this project, you will be asked to create a book page that takes inputs in a textbox with a submit button. You will perform all types of data binding, event binding on the submit button, and two-way data binding with the help of the ngModel directive.

4. Directives

Here, you will display an array of books using the ngFor directive. To change the background color in alternating rows, you will need to apply ngStyle and ngClass directives. You will also be asked to create a custom attribute directive as and when any book name is highlighted in the table.

5. Services and DI

In this project, you will have to create a service to populate book data from restful web services as part of the assignment.

6. Pipes

For this project, you will be required to apply various pipes to table data.

7. HTTP and Observables

As part of this project, you will be asked to modify the service to get data from web services.

8. Bootstrap

Using the different Bootstrap features, such as grid system, table classes, button classes, form classes, etc., you need to create specific pages.

9. Routing and Navigation

In this project, you will need to create the routes if a user wants to search for book details.

10. Template Drive Forms

Using template drive forms, you have to create the bookshop requirements in this project. You will also have to work on creating certain error messages if the input is found to be in an incorrect format and then validate the input data. You will then fetch book data from the server, create book collections with different columns, and submit the input data by users to the book collection.

Certification

After the completion of the course, you will get a certificate from IntelliPaat.



CERTIFICATE OF COMPLETION

This certificate is awarded to

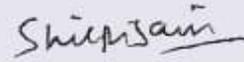
Your Name

Who has successfully completed

Course Name

Fulfilling all the requirements stipulated by IntelliPaat to achieve professional excellence.

Issued Date: Month XX, XXXX



Mrs. Shilpi Jain
Director,
intellipaate Software Solutions Pvt. Ltd.

VERIFIED
CERTIFICATE

Certificate ID #94658291

Success Stories



Kevin K Wada

Thank you very much for your top-class service. A special mention should be made for your patience in listening to my queries and giving me a solution, which was exactly what I was looking for. I am giving you a 10 on

10!



Sampson Basoah

The Intellipaate team helped me in selecting the perfect course that suits my profile. The whole course was practically oriented, and the trainers are always ready to answer any question. I found this course to be impactful.

Thank you.



Sugandha Sinha

Intellipaate's course instructors were excellent and well-versed with their concepts. Support solved all my queries within the promised 24 hours. They explained all topics and concepts well and the course material was updated and included videos, exercises too. I would highly recommend Intellipaate to those who wish to excel in the IT field..



Vishal Pentakota

The best part of this course is the series of hands-on demonstrations that the trainer performed. Not only did he explain each concept theoretically, but he also implemented all those concepts practically. Great job! A must go for beginners.

CONTACT US

INTELLIPAAT SOFTWARE SOLUTIONS PVT. LTD.

Bangalore

AMR Tech Park 3, Ground Floor, Tower B,
Hongasandra Village, Bommanahalli,
Hosur Road, Bangalore – 560068

USA

1219 E. Hillsdale Blvd. Suite 205,
Foster City, CA 94404

If you have any further queries or just want to have a conversation with us, then do call us.

IND: +91-7022374614 | US: 1-800-216-8930