

Angular JS Developer Training

About US

Vision IT Technologies is an end-to-end Training and recruitment Company, Providing Its Services successfully for last 10 Years and best part is we are able to manage almost 100% Placement record since we started. Vision IT Technologies is an organization which has been established to overcome this crying need of skilful resources. Started by a group of young industry professionals with experience in the best companies of the country, Vision IT Technologies is the one-stop solution for all your knowledge and resource requirements. We train the raw talent available in the market over relevant technologies to make them fit to directly enter the corporate workforce.

About Course

AngularJS is a JavaScript-based open-source front-end web framework mainly maintained by Google and by a community of individuals and corporations to address many of the challenges encountered in developing single-page applications

Why Angular Js

- **AngularJS** is a structural framework for dynamic web apps. It lets you use HTML as your template language and lets you extend HTML's syntax to express your application's components clearly and succinctly. AngularJS's data binding and dependency injection eliminate much of the code you would otherwise have to write.
- Angular JS is completely advanced and compatible with other libraries. Every single feature can be replaced or changed as per your application development workflow and functionality requirements



Curriculum

Java Script

- Creating and using variables
- Working with primitive data types
- Creating custom objects
- Using event handlers to handle user-triggered events"
- Defining and invoking functions
- Using conditional constructs and loops
- Debugging JavaScript code
- Using arrow functions
- Including JavaScript in a Web page
- Using the Document Object Model (DOM) to access the HTML elements on the page dynamically
- Using JavaScript objects effectively, including the window object and the navigator object
- Performing pattern matching with regular expressions
- Validating a form
- Using Geolocation and Web Storage JavaScript APIs
- Working with JSON objects
- Using Ajax to make asynchronous calls to a Web server

Service Now

- ES6
- Module system
- Classes
- Variable declaration
- Arrow Functions
- Template Strings
- TypeScript
- Type safety, inference and intellisense
- Interfaces
- Decorators"
- Angular-CLI & project structure
- Creating a new project
- Project settings, bootstrapping
- Building and serving
- Component-based architecture
- Angular building blocks overview
- Generating project elements

- Root Angular Module
- Advanced Components
- Data projection, building a wrapper component
- Querying view and children
- Dynamic components"
- Providers and Dependency Injection
- Understanding the role of the Provider
- Understanding the injector tree
- Creating and using a class provider (service)
- Other provider strategies
- Configuring providers"
- Observables and RxJS
- Subscription
- RxJS Operators
- Creating Subjects and Observables
- HttpClient
- Http requests (GET, PUT, POST)
- Configuring headers
- Interceptors
- Progress events"
- Angular Router
- Setting up the router
- Navigation
- Child routes
- Routing params
- Lazy loading
- Guards and hooks"
- Angular Modules, directives and Pipes
- Angular Modules
- Root Module vs. Feature Module
- Module definition
- Module configuration"
- Directives
- Types of directives
- Built-in directives
- Writing your own directives
- Pipes
- Sync and async Pipes

- Built-in Pipes
- Writing your own pipes
- Angular Forms
- Template-driven forms
- Reactive forms
- FormBuilder
- Form validation
- Custom validators
- Async validators"
- State management with ngRx
- Understanding Redux architecture
- ngRx Store
- Actions & Reducers"
- Middleware
- Effects and Facades
- Action Splitters"