TechnoMaster

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Course: AngularJS

Duration: 20 Hrs (Changeable) | Fees: Individual / Batch

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Our Courses/Internship

- Python/Django Fullstack
- Artificial Intelligence
- Machine Learning
- Data Science
- Software Testing (All)
- Wordpress, Woocommerce
- Digital Marketing, SEO
- Php/MySQL, Laravel
- Flutter, Android, IOS
- Asp.net MVC
- Web Design, Javascript
- Angular JS, React JS
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- Ethical Hacking

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Syllabus on the Next Page ..

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Module 1: Introduction to HTML

* HTML Basics, Elements, Attributes, Styles

* Forms, Form Elements, Input Element Types

* Input Attributes, File Paths, Script tag

* HTML & XHTML

Module 2: Introduction to CSS

* CSS Introduction, Syntax, Selectors, Styling

* Pseudo class, Pseudo Elements

* CSS Tables, CSS Box Models

* CSS Opacity, CSS Navigation Bar, Dropdowns

Module 3: Introduction to JavaScript

* JavaScript Statements, Keywords, Functions

* JavaScript Programs, Operators, Functions

* Function Parameters, Function Return Types

* Data Types, Primitive Types

Module 4: Working with Objects

* Object Oriented Programming, Object Creation

* Adding Methods of Objects

* JavaScript Loops Iteration

* Adding Properties of Objects

* JavaScript Conditional Statements

* Enumerating Properties, Callbacks, JSON

Module 5: Angular JS Basics

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* What is Angular JS?

* Why Angular JS?

* Why MVC matters

* MVC-The Angular JS way

* Features of Angular JS ,Model-View-Controller

* My First Angular JS app

Module 6: Angular Expressions

* All about Angular Expressions

* How to use expressions, Angular vs JavaScript

Module 7: Filters

* Built-In Filters, Using Angular JS Filters

* Creating Custom Filters

Module 8: Directives

* Introduction to Directives, Directive Lifecycle

* Binding controls to data, Matching directives

* Using Angular JS built-in directives

* Creating a custom directive

Module 9: Controllers

* Role of a Controller, Controllers Modules

* Attaching Properties and functions to scope

* Nested Controllers, Using Filters in Controllers

* Controllers in External Files

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Module 10: Angular JS Modules

∗ Introduction to Angular JS Modules

∗ Bootstrapping Angular JS

Module 11: Angular JS Forms

∗ Working with Angular Forms, Model Binding

∗ Forms Events, Updating Models with a Twist

∗ Form Controller, Validating Angular Forms

∗ $error object

Module 12: Scope

∗ What is scope, Scope Lifecycle

∗ Scope Inheritance, Scope & Controllers

∗ Root scope, Scope Broadcasting

∗ Two-way data binding, Scope Inheritance

∗ Scope & Directives, $apply and $watch

∗ Scope Events

Module 13: Dependency Injection Services

∗ What is Dependency Injection

∗ Creating Services, Factory, Service & Provider

∗ Using Dependency Injection, What are services

∗ Using Angular JS built in services

Module 14: Single Page Application (SPA)

∗ What is SPA, Pros and Cons of SPA

✴ Passing Parameters, Changing location

✴ Installing the ng Route module, Configure routes

✴ Resolving promises, Creating a Single Page Apps

Module 15: Angular JS Animation

✴ ng Animate Module, CSS Transforms

✴ CSS Transitions, Applying Animations

Module 16: Introduction to Node JS

✴ Introduction to Node JS

✴ Advantages of Node JS

✴ What is Node JS, Node.js Process Model

✴ Traditional Web Server Model

Module 17: Setup Development Environment

✴ Install Node.js on Windows

✴ Working in REPL, Node JS Console

Module 18: Node JS Modules

✴ Functions, Buffer, Module

✴ Modules Types

✴ Core Modules, Local Modules

✴ Modules Exports

Module 19: Node Package Manager

✴ What is NPM, Installing Packages Locally

✴ Installing package globally

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✳ Adding dependency in package json

✳ Updating packages

Module 20: Creating Web Server

✳ Creating Web Server

✳ Sending Requests

✳ Handling http requests

Module 21: File System

✳ read File, Writing a File

✳ Opening a file, Deleting a file

✳ Writing a file asynchronously

✳ Other IO Operations

Module 22: Debugging Node JS Application

✳ Core Node JS Debugger

Module 23: Events

✳ Event Emitter class

✳ Inheriting Events

✳ Returning event emitter

Module 24: Express JS

✳ Configuring Routes

✳ Working with Express

Module 25: Serving Static Resources

✳ Serving Static Files

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✳ Working with Middle Ware

Module 26: Database Connectivity

✳ Connecting String, Configuring

✳ Updating Records

✳ Working with Select Command

✳ Deleting Records

Project Development

(Click on Course for more details)

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- Thank You -

N.B:This syllabus is not final and can be customized as per requirements / updates.