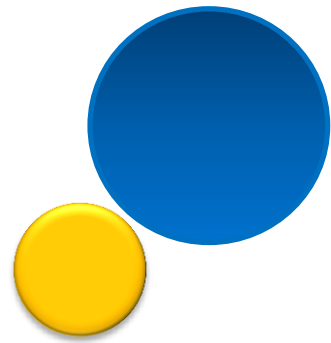


# ANGULAR JS



**MISSION TO TRAIN THE  
STUDENT WELL  
ESTABLISHED SOCIETY  
WITH A POOL OF  
HUMAN TALENTS TO  
FULLFILL THE  
REQUIREMENTS  
COMPANY/NATION**

**WITH SYSTEMATICS APPROACH!**

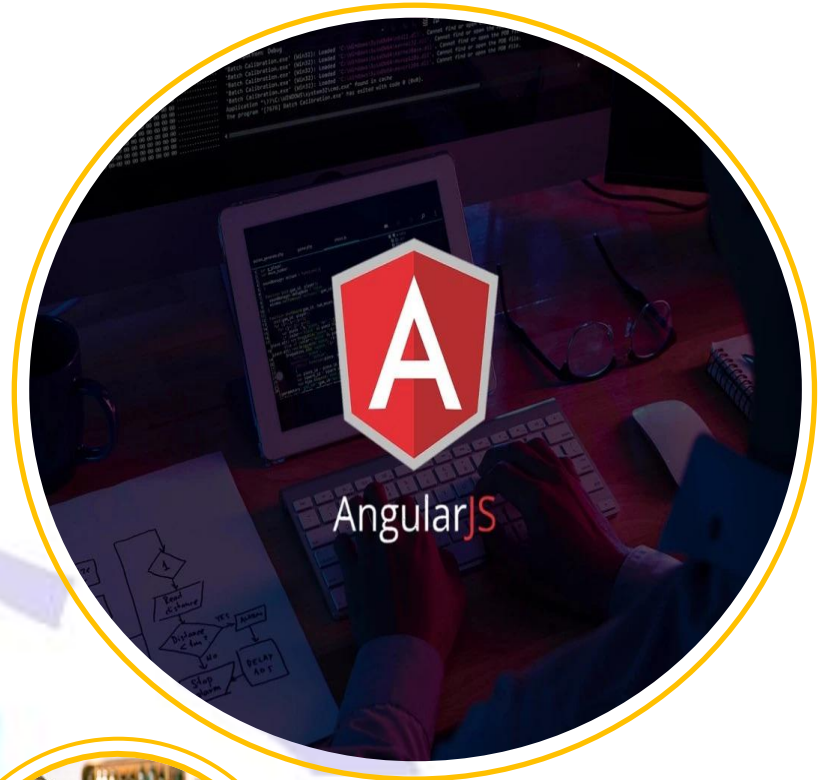


## ABOUT

### ANGULAR JS AGASTYAS SOLUTIONS

**AGASTYAS SOLUTIONS** is provides a well-known professional's **ANGULAR JS** training.

**ANGULAR JS** Course offered at AGASTYAS SOLUTIONS are devised with best practices recommended by Google and other leading search engines. Our strategies are developed with many years of experience. We are passionate about **ANGULAR JS** and that's why our strategies WORK! We are sure our sound knowledge and effective **ANGULAR JS** principles will turn you into an **ANGULAR JS** Professional.



# OUR MOTO!

TO TRAIN AND MAKE  
EVERYSTUDENT AN  
OUTSTANDING ANGULAR JS  
PROFESSIONALS.

AGASTYA SOLUTIONS  
A journey to excellence



# OUR STUDENTS WORKS AT



AGASTYA SOLUTIONS

A journey to excellence



# ADVANCED AND EXPERT ANGULAR JS

- ❖ SUPPORT & GUIDANCE FOR GOOGLE & OTHER INDUSTRY CERTIFICATIONS.
- ❖ CASE STUDIES & REAL TIME PROJECTS/  
TRAINING

**DURATIONS**

*45 - 75 Hours.* ⌚



# INTRODUCTION TO HTML

- HTML BASICS, ELEMENTS, ATTRIBUTES, STYLES

- FORMS, FORM ELEMENTS, INPUT ELEMENT TYPES

- INPUT ATTRIBUTES, FILE PATHS, SCRIPT TAG

- HTML & XHTML



# INTRODUCTION TO CSS

- CSS INTRODUCTION, SYNTAX, SELECTORS, STYLING

- PSEUDO CLASS, PSEUDO ELEMENTS

- CSS TABLES, CSS BOX MODELS

- CSS OPACITY, CSS NAVIGATION BAR, DROPDOWNS



# INTRODUCTION TO JAVASCRIPT

✚ JAVASCRIPT STATEMENTS,  
KEYWORDS, FUNCTIONS

✚ JAVASCRIPT PROGRAMS,  
OPERATORS, FUNCTIONS

✚ FUNCTION PARAMETERS, FUNCTION  
RETURN TYPES

✚ DATA TYPES, PRIMITIVE TYPES



JavaScript™

## WORKING WITH OBJECTS

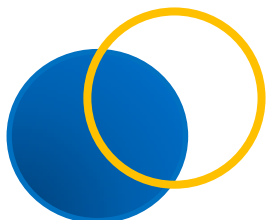
✚ OBJECT ORIENTED PROGRAMMING,  
OBJECT CREATION

✚ ADDING METHODS OF OBJECTS

✚ JAVASCRIPT LOOPS & ITERATION

✚ ADDING PROPERTIES OF OBJECTS

✚ JAVASCRIPT CONDITIONAL  
STATEMENTS



✚ ENUMERATING PROPERTIES, CALLBACKS, JSON

## ANGULAR JS BASICS

✚ 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



## ANGULAR EXPRESSIONS

✚ ALL ABOUT ANGULAR EXPRESSIONS

✚ HOW TO USE EXPRESSIONS, ANGULAR VS  
JAVASCRIPT



## **FILTERS**

- ✚ BUILT-IN FILTERS, USING ANGULAR JS FILTERS
- ✚ CREATING CUSTOM FILTERS



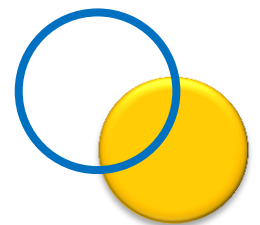
## **DIRECTIVES**

- ✚ INTRODUCTION TO DIRECTIVES, DIRECTIVE LIFECYCLE
- ✚ BINDING CONTROLS TO DATA, MATCHING DIRECTIVES
- ✚ USING ANGULAR JS BUILT-IN DIRECTIVES
- ✚ CREATING A CUSTOM DIRECTIVE



## **CONTROLLERS**

- ✚ ROLE OF A CONTROLLER, CONTROLLERS & MODULES
- ✚ ATTACHING PROPERTIES AND FUNCTIONS TO SCOPE



- ✚ NESTED CONTROLLERS, USING FILTERS IN CONTROLLERS
- ✚ CONTROLLERS IN EXTERNAL FILES

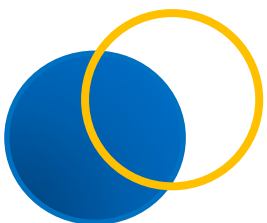


## ANGULAR JS MODULES

- ✚ INTRODUCTION TO ANGULAR JS MODULES
- ✚ BOOTSTRAPPING ANGULAR JS

## ANGULAR JS FORMS

- ✚ WORKING WITH ANGULAR FORMS, MODEL BINDING
- ✚ FORMS EVENTS, UPDATING MODELS WITH A TWIST
- ✚ FORM CONTROLLER, VALIDATING ANGULAR FORMS
- ✚ \$ERROR OBJECT



## 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

## DEPENDENCY INJECTION & SERVICES

✚ WHAT IS DEPENDENCY INJECTION

✚ CREATING SERVICES, FACTORY,  
SERVICE & PROVIDER

✚ USING DEPENDENCY INJECTION,  
WHAT ARE SERVICES





# USING ANGULAR JS BUILT IN SERVICES

## SINGLE PAGE APPLICATION (SPA)

# WHAT IS SPA, PROS AND CONS OF SPA

# PASSING PARAMETERS, CHANGING LOCATION

# INSTALLING THE NG ROUTE MODULE,  
CONFIGURE ROUTES

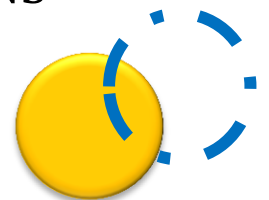
# RESOLVING PROMISES, CREATING A SINGLE  
PAGE APPS



## ANGULAR JS ANIMATION

# ANIMATE MODULE, CSS TRANSFORMS

# CSS TRANSITIONS, APPLYING ANIMATIONS



## INTRODUCTION TO NODE JS

# INTRODUCTION TO NODE JS

# ADVANTAGES OF NODE JS



✚ WHAT IS NODE JS, NODE.JS PROCESS MODEL

✚ TRADITIONAL WEB SERVER MODEL

## SETUP DEVELOPMENT

## ENVIRONMENT

✚ INSTALL NODE.JS ON WINDOWS

✚ WORKING IN REPL, NODE JS CONSOLE



## NODE JS MODULES

✚ FUNCTIONS, BUFFER, MODULE

✚ MODULES TYPES

✚ CORE MODULES, LOCAL MODULES

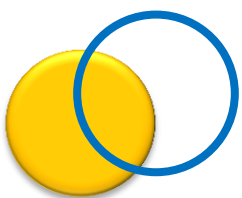
✚ MODULES EXPORTS



## NODE PACKAGE MANAGER

✚ WHAT IS NPM, INSTALLING

PACKAGES LOCALLY



- #INSTALLING PACKAGE GLOBALLY
- #ADDING DEPENDENCY IN PACKAGE JSON
- #UPDATING PACKAGES

## CREATING WEB SERVER

- #CREATING WEB SERVER
- #SENDING REQUESTS
- #HANDLING HTTP REQUESTS



## FILE SYSTEM

- #READ FILE, WRITING A FILE
- #OPENING A FILE, DELETING A FILE
- #WRITING A FILE ASYNCHRONOUSLY
- #OTHER IO OPERATIONS

A journey to excellence



# DEBUGGING NODE JS APPLICATION

✚ CORE NODE JS DEBUGGER

## EVENTS

✚ EVENT EMITTER CLASS

✚ INHERITING EVENTS

✚ RETURNING EVENT EMITTER



## EXPRESS JS

✚ CONFIGURING ROUTES

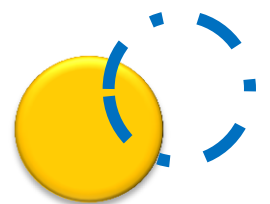
✚ WORKING WITH EXPRESS

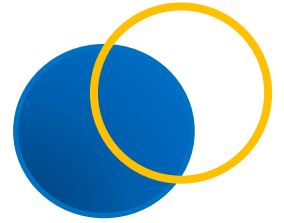


## SERVING STATIC RESOURCES

✚ SERVING STATIC FILES

✚ WORKING WITH MIDDLE WARE





## DATABASE CONNECTIVITY

- ✚CONNECTING STRING, CONFIGURING
- ✚UPDATING RECORDS
- ✚WORKING WITH SELECT COMMAND
- ✚DELETING RECORDS



## PROJECT DEVELOPMENT

- ✚PROJECT DEVELOPMENT USING NODE JS

**GETTING A HIGH PAYING JOB OR  
SETTING UP YOUR BUSINESS**

**BEST WISHES FOR YOUR GREAT  
ENDEAVORS & FUTURE!**

**THANK YOU!**

