**Basics of Angular – For Beginners**

Created by: Rosalito “Argee” Gabriel II  
  
Costing: Php 800 / head / session (2hrs / session)

The course starts from scratch, you neither need to know any Angular 1 nor 2!

What you’ll learn:

* Develop modern, complex, responsive, and scalable web applications
* Understand and apply the architectures behind an Angular Application
* Understand the fundamentals of Angular
* You will be using typescript (superset), which is a strongly typed programming language. This will give any developers a better tooling at any scale of application.

What you’ll have at the end of the whole session:

* Assignments at event end of each session
* Practicum at the end of the whole session
* Documentations for the Whole Angular Training

Course Introduction / Outline (6 Sessions):

* What is Angular
  + Web Development Lifecycle
  + Concepts / Fundamentals
  + Use Cases
  + CLI Deep Dive and Troubleshooting
  + Project Setup
* Basics of Angular
  + What are components
  + What is Data Binding
    - Differences of Data Binding
  + String Interpolation
  + Understanding Directives
* Components and Databinding Deep Dive (Part 1)
  + Splitting Apps into Components
  + Property and Event Binding Overview
* Components and Databinding Deep Dive (Part 2)
  + View Encapsulation
  + Component Lifecycle
* Directives Deep Dive (Part 1)
  + ngFor and ngIf
  + ngClass and ngStyle
* Directives Deep Dive (Part 2)
  + Host Listener
  + Host Binding
  + Structural Directives
  + ngSwitch

**Deep Understanding of how to create Applications**

This training will teach you all the fundamentals about modules, directives, components, databinding, routing, HTTP access and much more! We will take a lot of deep dives and each section will be backed up with real project. All examples showcase the features Angular offers and how to apply them directly.

Specifically, you will learn:

* Which architecture Angular uses
* How to use Typescript to write Angular Applications
* All about directives and components, including creation of custom directives / components
* How databinding works
* All about routing and handling navigation
* What pipes are and how to use them
* How to send HTTP requests (ex. REST APIs)
* What is dependency injection and how to use it
* How to use modules in Angular
* How to optimize bigger Angular Applications
* An introduction to NgRx and complex state management
* We will build a major project in this course, so that you can practice all the concepts

Who this course is for:

* Newcomer, as well as experienced frontend developers interested in learning a modern JavaScript Framework
* This training is for everyone interested in learning a state-of-the-art frontend JavaScript framework

Requirements

* NO Angular 1 or Angular 2+ knowledge is required!
* Basic HTML and CSS knowledge helps, but isn’t a must have
* Prior TypeScript knowledge also helps but isn’t necessary to benefit from this training
* Basic JavaScript knowledge is required.

**About the Instructor**

**Rosalito “Argee” Gabriel II** ([Github](https://github.com/argeegabrielii))

Starting out at the age 18, I never stopped learning new programming skills and languages. Early I started creating applications like, an Interactive Whiteboard using a Wii Remote to showcase my skill and talent with my colleagues and just for fun as well. I also explored Backend Technologies like, NodeJS, GoLanguage, C# and other non-web-only languages. This success and fun I have in this job is immense and really keeps the passion burning alive.

I also build full-stack applications and acquired advanced DevOps and Cloud Computing knowledge – proven by my GCP Certifications. As a developer I had a chance to improve and experience most relevant key concepts and topics