

Angular Camp v1 - Syllabus

- Angular Basics
 1. Typescript Basics
 2. Angular Architecture
 3. Installations and Tooling
 4. Creating your first Angular Application
 5. Understanding the building blocks of Angular
- Introduction to Component and Data binding
 1. Template Bindings
 2. One way bindings using property and Event
 3. Two way Data Binding
 4. Interaction between the components
 5. Working with @Input and @Output
 6. Change detection & Lifecycle
- Components & Routing
 1. Routing Basics and passing data
 2. Child Routes and Parent Routes
 3. Smart and Dumb Components
- Directives and Pipes
 1. Inbuilt Directives such as *ngIf, *ngFor etc.
 2. Attribute vs Structural Directives
 3. Creating your own Directive
 4. Introduction to Pipes
- Understanding the Module System
 1. Understanding feature and core module.
 2. Loading module on demand
- Understanding Forms
 1. Template Driven Forms, Input and Validation
 2. ngForm and ngModel
 3. Binding to Radio Buttons and Checkboxes
 4. ngSubmit and Error states
- Services and HTTP
 1. Dependency Injection and understanding @Injectable
 2. Understanding Observables
 3. Using a REST API
- Angular Advanced
 - Progressive Web Apps
 - Server side rendering with Angular Universal.
 - Angular Elements.
 - Performance Analysis and optimizing an angular app.

