

IONIC FRAMEWORK COURSE CONTENT

Section 1: Introduction

- Basics of Ionic?
- Mobile Hybrid Architecture
- Types of Mobile App
- What apps are built with Ionic?
- Installing generator-Ionic
- Introduction about Scaffolding
- Ionic project structure
- Software Setup and Instalment

Section 2: Depth Understanding Ionic

- Install Lab Desktop App and creator App
- IONIC Command Line Interface overview
- Create first Ionic application
- What is emulators and how to use emulators?
- Discussion about Ionic Platform

Section 3: Angular Fundamentals

- Study about angular basics
- Installing IDE
- Introduction to modules
- Overview of class, functions
- Introduction to components
- Understanding two way data binding
- Events
- Services
- Pipes
- Dependency injection
- Error Handling
- Real time experience with Angular Components

Section 4: Ionic Components

- Overview of Ionic CSS Components and Navigation
 - Buttons
 - Badges

- Icons
- Cards
- Grid
- Form elements
- Understanding Ionic Categories
- Layout and controller
- Working with Ionic Components

Section 5: Building an App

- Understanding States & Routing
- Overview of server architecture
- What is capacitor?
- Creating iOS App and Android App
- Overview of Angular fire
- Refactoring the template
- REST API factory
- Creating and working with different types of Controller
- Types of template
- Understanding development flow

Section 6: Debugging

- Overview of Error message
- How to use Dev tools
- How to use VS code
- Understanding Break points
- How to Debugging Android App
- How to Debugging iOS App

Section 7: Building an App

- Overview of application architecture
- Working with Ionic Chat app
- Testing Android and Ios App
- Working with Cordova plugins
- Study about API
- Set up ngCordova
- Overview of Data structure
- Google API key
- Set up Map, directives, controllers, templates
- GitHub

Section 8: To Release Ionic Application

- Testing
- Authentication
- Overview of states
- HTTP requests
- Map modal
- Image picker
- Working with library application , employee application, etc.,



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