

Angular Boot Camp



Angular Boot Camp is a four-day live class designed for teams tasked with building complex applications. Spanning from introductory topics to advanced solutions, participants engage in an immersive learning experience guided by industry experts. Through live instruction and hands-on exercises, attendees gain proficiency in Angular development, empowering them to tackle the challenges of building sophisticated web applications with confidence. Whether exploring foundational concepts or delving into intricate solutions, this comprehensive class equips teams with the skills and knowledge needed to excel in the dynamic realm of web development.

Key features:

- **Foundational Principles:** Delve into the fundamentals of Angular development, covering essential topics to build a strong understanding of the framework.
- **Advanced Strategies:** Explore advanced solutions and techniques, delving deeper into Angular to tackle complex challenges in web application development.
- **Interactive Workshops:** Engage in hands-on workshops where you'll apply theoretical knowledge to practical exercises, solidifying your understanding of Angular principles.
- **Expert Guidance:** Receive personalized guidance and insights from industry experts, ensuring you're equipped with the skills and knowledge to excel in Angular development.
- **Comprehensive Curriculum:** Benefit from a comprehensive curriculum that covers a wide range of topics, from basic principles to advanced strategies, providing a well-rounded learning experience.

Class outline:

- Introduction
 - Angular Boot Camp Objectives
 - What is Angular?
- Starting with Angular
 - JavaScript, TypeScript, Angular
 - Simplest Angular application & Development tooling
 - The TypeScript module system
 - Templates and bindings
 - Multiple Components
 - Multiple NgModules
 - Lazy loading
- Building with Components
 - Development tooling
 - Starting a project with Angular CLI
 - Essential built-in directives
 - When to use the built-in pipes
 - Class and style bindings
 - Component data binding up and down
- Services, reactivity, and HTTP
 - Dependency injection
 - Creating services
 - Observables
 - The async pipe
- Application state, forms, navigation, and data flow
 - Reactive forms
 - Component-local State uses and problems
 - Route as navigational state
 - Sharing state with a Service
 - NgRx Store – Elm/Redux Architecture
 - NgRx Effects
 - The smart/display component pattern
 - Observable composing and chaining
 - Which Map Operator?