

State Management with NgRx

Elevate your Angular development skills with the 2 day Angular Boot Camp on NgRx. This comprehensive course delves deep into state management techniques, teaching you how to seamlessly integrate NgRx into your Angular applications. From mastering actions and reducers to implementing advanced patterns, this training equips you with the tools and knowledge needed to build scalable and maintainable Angular projects with confidence.



Key features:

- **Essential NgRx Concepts:** Dive deep into the core pillars of NgRx, including actions, reducers, selectors, and effects, mastering each component's role in managing application state effectively.
- **Seamless State Management with RxJS Observables:** Harness the power of RxJS observables to effortlessly manage state within your Angular applications, ensuring smooth data flow and enhanced development efficiency.
- **Advanced Patterns and Best Practices:** Explore advanced patterns and industry best practices for NgRx implementation, equipping yourself with the knowledge and skills to tackle complex state management challenges with confidence.
- **Predictable and Scalable Angular Applications:** Learn how to architect Angular applications for predictability and scalability by leveraging NgRx, enabling you to build robust and maintainable projects that can easily adapt to changing requirements.
- **Hands-On Experience for Robust Projects:** Gain practical, hands-on experience through guided exercises and real-world examples, empowering you to apply your newfound NgRx expertise to create high-quality, production-ready Angular applications.

Class outline:

- Introduction and background
- NgRx overview
- Store - the Single Source of Truth
- Handling Side Effects with @ngrx/effects
- Router Store - Responding to Router Events
- @ngrx/entity
- Immutability - Protect Your Data from Yourself
- NgRx Facades - A Pattern to Hide Complexity
- Alternatives for state management
- Discussion, Q&A