Building Web Applications With TypeScript, Angular, and React

Category: Software Development & Programming | **Vendor:** Logical Operations

Duration: 16.00 hours (2 days) **13.0 CPD Hours** **Rating:** ⭐ 4.6 (5,878 reviews)

Course Information

Delivery Format: Instructor Led - Online

Course Overview

In this course, you will begin by learning the fundamentals of TypeScript and then move toward advanced concepts. Then, learn how TypeScript relates to JavaScript that you may have written before. and understand the benefits of TypeScript and how it can help you avoid software defects. You will also learn to use type guards, check null and undefined, create tagged union types, and compare the performance of algorithms.Additionally, you will use TypeScript to build a weather forecast widget with Angular and then progress by building a note-taking client/server application using Angular, Node.js, and MongoDB, and finally create a real-time chat application with React.

About This Course

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Who Should Attend

This course is for web developers who are well-versed in JavaScript and want to take their TypeScript knowledge to the next level. No prior TypeScript knowledge is required.

Learning Outcomes

Upon successful completion of this course, participants will be able to:

By completing this course, you will be able to build interesting TypeScript projects. This course will take your current TypeScript knowledge to the next level.

Here are the important topics that this course will cover:
- Learn the fundamentals of TypeScript
- Build a weather forecast widget with Angular
- Create building a note-taking client/server application using Angular, Node.js, and MongoDB
- Create a real-time chat application with React

Detailed Course Outline

TypeScript Fundamentals

- Introduction to TypeScript
- Type Checking
- Advanced Type Analysis Features
- Comparing Performance of Algorithms

Building a Weather Forecast Widget with Angular 4

- Using Modules
- Creating the First Component
- Using the Component in Other Components
- Using the Main Component

Note-Taking Client/Server App

- Setting up the Server
- Integrating with MongoDB
- Creating the Client Side with Angular

Real-Time Chat

- Setting up the Project
- Writing the Server
- Creating the Chat Room

Additional Course Details

Nexus Humans Building Web Applications With TypeScript, Angular, and React training program is a workshop that presents an invigorating mix of sessions, lessons, and masterclasses meticulously crafted to propel your learning expedition forward.

This immersive bootcamp-style experience boasts interactive lectures, hands-on labs, and collaborative hackathons, all strategically designed to fortify fundamental concepts.

Guided by seasoned coaches, each session offers priceless insights and practical skills crucial for honing your expertise. Whether you're stepping into the realm of professional skills or a seasoned professional, this comprehensive course ensures you're equipped with the knowledge and prowess necessary for success.

While we feel this is the best course for the Building Web Applications With TypeScript, Angular, and React course and one of our Top 10 we encourage you to read the course outline to make sure it is the right content for you.

Additionally, private sessions, closed classes or dedicated events are available both live online and at our training centres in Dublin and London, as well as at your offices anywhere in the UK, Ireland or across EMEA.

Frequently Asked Questions

Q: What delivery options are available for Building Web Applications With TypeScript, Angular, and React?

We offer multiple delivery formats:

- Live Instructor-Led Classroom Online (Virtual/Live Online)
- Traditional Instructor-Led Classroom Training (ILT)
- On-site delivery at your offices anywhere in United Kingdom
- Private dedicated courses customized for your team

Q: How many CPD hours does this course provide?

The 2-day Building Web Applications With TypeScript, Angular, and React course provides up to 13.0 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the Building Web Applications With TypeScript, Angular, and React training?

The training takes place over 2 day(s), with each day lasting approximately 16.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for Building Web Applications With TypeScript, Angular, and React?

Yes, we provide corporate training, dedicated training, and closed classes for Building Web Applications With TypeScript, Angular, and React. Training can take place anywhere in United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online allowing teams from across United Kingdom or internationally to attend.

Q: Why choose Nexus Human for Building Web Applications With TypeScript, Angular, and React?

Nexus Human is recognized as one of the leading training providers. Our trainers have won multiple awards including:

- Small Firms Best Trainer Award
- National Training Partner of the Year (Ireland) - Multiple Years
- Global Top 30 Instructor Awards (2012, 2019, 2021)
- Tech Excellence Award Nominations
- Learning Performance Institute (LPI) External Training Provider Sponsor 2024

Q: Are there any discount codes available?

Yes! Use discount code **PENPAL5** when booking your Building Web Applications With TypeScript, Angular, and React training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

Nexus Human

Professional Training & Development

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