

# Developing Node.js Web Applications

**Duration:** 8.00 hours (1 days)

**6.5 CPD Hours**

**Rating:** ★ 4.6 (5,878 reviews)

## Course Information

**Delivery Format:** Instructor Led - Online

## Course Overview

### Developing Node.js Web Applications Course Overview

This Developing Node.js Web Applications course is for developers who wish to use JavaScript to create network applications.

This course explains the event loop structure of Node.js applications and how to use structures like callbacks and promises to take advantage of it. It goes on to describe file handling, streams and error handling.

It takes a hands-on approach to Node.js applications and includes details on NPM, database access and the Express framework.

Exercises and examples are used throughout the course to give practical hands-on experience with the techniques covered.

## About This Course

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## **Prerequisites & Entry Requirements**

### **General Prerequisites:**

## **Requirements**

An understanding of HTML and CSS selectors, as well as some knowledge of JavaScript is required.

This knowledge can be obtained by attendance on the pre-requisite courses.

# Learning Outcomes

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

## Course Objectives

By the end of the course delegates should be able to:

- Install Node.js, NPM and Express
- Understand Node.js event-based programming
- Create a web server and build web applications on it
- Create and use modules
- Build a web application using promises, buffers and streams
- Improve an application with robust error handling
- Handle routing with Express.js
- Use Node.js to connect to a database

## Additional Course Details

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Nexus Humans, Developing Node.js Web Applications 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 ITS Data Analytics 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

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## **Q: What delivery options are available for Developing Node.js Web Applications?**

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
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## **Q: How many CPD hours does this course provide?**

The 1-day Developing Node.js Web Applications course provides up to 6.5 CPD hours of structured learning. CPD certificates can be provided upon request.

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## **Q: What is the duration of the Developing Node.js Web Applications training?**

The training takes place over 1 day(s), with each day lasting approximately 8.00 hours including breaks for lunch and refreshments.

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## **Q: Do you provide corporate training for Developing Node.js Web Applications?**

Yes, we provide corporate training, dedicated training, and closed classes for Developing Node.js Web Applications. 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.

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## Q: Why choose Nexus Human for Developing Node.js Web Applications?

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 Developing Node.js Web Applications 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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