



**TRUSTED BY 2.5 LAKH+ STUDENTS  
PARTNER WITH 4000+ COMPANIES**

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# WHY NEXUS'S PLACEMENT GUARANTEED PROGRAM

INDUSTRY STANDARDS  
CURRICULUM BY EXPERTS

**4000+**

PARTNER COMPANIES

**100%**

FULLY REFUNDABLE

**100%**

ASSURANCE  
PLACEMENT

**UPTO 25 LPA**

SALARY JOB

COMPLETELY **LIVE**

TOP INDUSTRY  
EXPERTS



# WHY CHOOSE US ?



## NEXUS

Industry standards curriculum by experts



Completely **Live** Classes



Job Assurance

upto 12 LPA

100% Refundable



Placement Training

Resume building, Mock Interviews

Partner Companies

Exclusive access to 4000+ Partner companies

Avg. Package

6 LPA

Fee Structure

Rs 25,000 (Most Affordable in the market with Highest ROI)



We are partner with 4000+ companies and  
we are just growing more





## PROGRAM CURRICULUM

Roadmap to become  
**MERN stack developer**



HTML, CSS & JS



React



Node



Express



MongoDB

Connecting & Deploying  
on GIT

# WHO CAN DO THIS COURSE ?

Unlock your potential with the MERN Stack Course! This program is designed for anyone passionate about building modern web applications. Whether you're a beginner, a student, or an IT professional, this course will guide you through MongoDB, Express.js, React.js, and Node.js step by step. Gain hands-on experience in full-stack development, create dynamic websites, and boost your career opportunities. Perfect for freelancers, career switchers, and entrepreneurs who want to build and manage their own projects. No prior coding knowledge? No problem! All you need is enthusiasm to learn.

## WHAT YOU GET ?

- 3 months training on MERN Stack
- Placement starts after 3 months
- 90 hrs of learning | Completely **LIVE**
- 100% job Assistance placement after program completion
- 6 months live project + internship certifications

## MERN Stack

Nexus is one of its kind Institute which not only equips you in technology skills but will train you for free in Aptitude skills, Soft Skills, Mock Interviews, Interview Skills, Work ethics and Corporate Values that you need to know to get into IT Industry. Our training is given by expert real time development experienced trainers and we enable each and every student of ours to do their own real time projects by the end of the program. We do not buy you a job by bribing companies to secure a place in IT, instead we equip you with the skills needed to get employed in IT and will support you with unlimited number of relevant interview opportunities so that your career in IT becomes assured. Our support will be there until you get placed in an IT Company as that's our mission too. If you want to just have an IT certification, you can do your course anywhere. If you aspire to get into an IT Job, then you should choose Nexus. With Nexus, your IT dream will definitely come into reality. Please go through the long list of our student reviews.

### Session 1: Architecture of the Web

- **Topics:**
  - History of the Internet
  - How the Internet works
  - Internet Protocol, HTTP, and HTTPS
  - Domain Names and DNS
  - HTTP Methods (GET, POST, PUT, DELETE)
  - Stateless nature of HTTP Protocol
  - Overview of Web Servers (IIS, Apache)
- **Lab:**
  - Exploring different browsers and text editors

## **Session 2: HTML**

- **Topics:**
  - Introduction to HTML5
  - Basic HTML Tags (Headings, Paragraphs, Links, Images, Lists, Tables)
  - HTML5 Features (Canvas, Audio/Video, Geolocation)
  - HTML Forms and Controls
  - Introduction to the Document Object Model (DOM)
- **Lab:**
  - Create an HTML form for a resume

## **Session 3: Cascading Style Sheets (CSS)**

- **Topics:**
  - Styling HTML with CSS (Inline, Internal, External CSS)
  - CSS Box Model
  - CSS Selectors (id, class)
  - Linking styles to HTML documents
- **Lab:**
  - Apply CSS to style a resume form

## **Session 4: Responsive Web Design**

- Topics:
  - Introduction to Responsive Design
  - Using Bootstrap:
    - Grid System
    - Typography
    - Forms, Tables, Buttons, Navbar, and Components
  - Bootstrap Templates and Themes
- Lab:
  - Update the resume form using Bootstrap

# Sessions 5-9: JavaScript

- **Topics:**

- JavaScript Basics:
  - Variables, Operators, Comments, Scopes
  - Strings, Numbers, Dates, Arrays, Boolean Values
- Advanced JavaScript:
  - Objects and Prototypes
  - Functions (Closures, Parameters)
  - Introduction to Object-Oriented Programming (Inheritance, Encapsulation)
- DOM Manipulation:
  - Events, Methods, Forms, Validation
  - Browser Developer Tools

- **Lab:**

- Write JavaScript programs for sorting, DOM manipulation, and validation

# Session 10: JSON & jQuery

- **Topics:**

- JSON (Syntax, Objects, Arrays, Parsing)
- jQuery (Selectors, Events, DOM Manipulation, Plugins)

- **Lab:**

- Create JSON objects and use jQuery for dynamic content manipulation

## Sessions 11-12: AJAX & Axios

- Topics:
  - Introduction to AJAX and its Architecture
  - Web Services and AJAX using jQuery
  - Introduction to Axios (HTTP Client)
- Lab:
  - Design a webpage that displays live data using AJAX and Axios

## Session 13: Introduction to Node.js

- Topics:
  - What is Node.js?
  - Node.js vs. Browser JavaScript
  - ECMAScript 2015 (ES6) Features
  - Node.js REPL
- Lab:
  - Install Node.js and write basic Node.js programs

## Sessions 14-17: Node.js Programming

- Topics:
  - Asynchronous Programming (Callbacks, Promises, Async/Await)
  - Node.js Modules (exports, require, npm)
  - File I/O and HTTP Module
  - Creating a Node.js Web Application
- Lab:
  - Build Node.js applications using modules and HTTP

## Session 18: Introduction to Express.js

- **Topics:**
    - Overview of Express.js
    - Middleware, Routing, Templates
  - **Lab:**
    - Develop web applications using Express
- Sessions 19-25: React.js
- **Topics:**
    - Getting Started with React
    - Components (Class, Functional)
    - Props, State, Lifecycle Methods
    - Handling Events, Forms, Lists
    - Error Boundaries
    - Context API
  - **Lab:**
    - Build React applications (e.g., a clock app showing time in multiple time zones)

## Sessions 26-28: React-Redux

- Topics:
  - Introduction to Redux
  - Actions, Reducers, Store
  - Using Redux with React
- Lab:
  - Enhance React applications using Redux for state management



**Fee Structure ₹25,000**

**EMI Options Available (Fill the form & talk to team)**

**Fill the Course Application form**

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**To know more about Nexus's PGP**

**[www.nexusctc.com](http://www.nexusctc.com)**