



# Full Stack Development With Next.JS & Node Training Program



## Why Choose us

- ✓ 100% Placement Support
- ✓ Training on Live Projects
- ✓ Modern Facilities
- ✓ Monthly Mock Interviews
- ✓ Smart Classes
- ✓ Pair Programming With Industry Experts



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## Contact us

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# OUR COURSE INCLUDE

## Month 1: (Unveiling the Secrets of HTML and CSS)

### HTML: Introduction to HTML 4 and 5

- ✓ HTML head, title, and body tag
- ✓ HTML attributes and values
- ✓ The doctype with attributes
- ✓ Meta tag
- ✓ Heading tags
- ✓ Absolute and Relative URL
- ✓ Adding images
- ✓ Lists, tables, forms
- ✓ How to use div, p
- ✓ Favicons in HTML
- ✓ HTML5 new tags with attributes

### CSS:

- ✓ Class and id
- ✓ CSS colors
- ✓ Backgrounds
- ✓ CSS box model
- ✓ CSS borders
- ✓ CSS animation
- ✓ Z-index
- ✓ CSS blocks
- ✓ Pseudo-elements and classes
- ✓ Gradients, shadow
- ✓ Responsive website designing using media query
- ✓ Flex and grids

## Month 2: Foundation of Javascript & React programming

### Basics of Programming in JavaScript

- ✓ Hello world program
- ✓ Declare variables using var, let, and const
- ✓ Primitive values- Number, string, boolean, null, undefined
- ✓ Math, logical, and Comparison Operators
- ✓ Miscellaneous operators- type of, conditional operator
- ✓ Truthy and Falsy Values

### Arrays in JavaScript

- ✓ Introduction to arrays
- ✓ Clone array & spread operator
- ✓ Array destructuring
- ✓ Few Useful Array Methods

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## Month 2: Foundation of Javascript & React programming

### Objects in JavaScript

- ✓ Introduction to asynchronous programming
- ✓ Timers & events
- ✓ Promises
- ✓ Async & await
- ✓ Exception handling using Try-catch

### Introduction to Reactjs

- ✓ React components and JSX
- ✓ State and props
- ✓ Parent and child component
- ✓ React hooks
- ✓ React forms with validation
- ✓ React Router

## Month 3: Fundamentals of Next/ Git and Nodejs

### Fundamentals of Next/ Git and Nodejs

- ✓ Nextjs App setup
- ✓ Adding Support for Web Assets
- ✓ Routing
- ✓ Pages and File-based routing
- ✓ Page Pre-rendering & Data Fetching
- ✓ Connecting to git and SSH
- ✓ Pushing in git
- ✓ Redux set-up
- ✓ Redux Configuration

### Introduction to Nodejs

- ✓ Intro to Node/Express
- ✓ Node Setup
- ✓ API Methods

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# OUR COURSE INCLUDE

## Month 4: Nodejs connection with Mongo

### Nodejs connection with Mongo

- ✓ Connecting to Mongo DB
- ✓ Our Mongo Connect Code
- ✓ Adding Entries to our Database

### User Authentication

- ✓ Register Endpoint using Nodejs
- ✓ Log In to Endpoint using Nodejs
- ✓ UI Form
- ✓ Implement Redux Sign-Up
- ✓ Persist User Data & Show Error
- ✓ Add Next Environment variable
- ✓ Create a basic TODO App

## Month 5 & 6: A comprehensive journey toward MERN stack project

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