

Node.js Course in Jaipur

Kiyan Training Institute

Course Overview

The Node.js Course in Jaipur at Kiyan Training Institute is designed to help students learn backend web development using Node.js and modern JavaScript technologies. The course covers Node.js fundamentals, server-side programming, APIs, databases, authentication, and real-time application development.

Students will gain practical knowledge through live projects, assignments, and hands-on coding sessions. This course is suitable for beginners, students, job seekers, and developers who want to build scalable backend applications and become full-stack developers.

Course Details Table

Course Information	Details
Course Name	Node.js Course in Jaipur
Course Level	Beginner to Advanced
Training Type	Practical & Project-Based
Mode of Training	Online & Offline

Course Duration	8 Months / 9 Months
Eligibility	Students, Freshers, Developers
Projects Included	Yes
Internship Support	Available
Certification	Industry-Recognized Certificate
Placement Assistance	100% Job Assistance
Live Classes	Yes
Batch Type	Small Batches
Trainers	Industry Experts
Tools Covered	Node.js, Express.js, MongoDB, APIs
Career Support	Resume & Interview Preparation

Course Highlights

- Comprehensive Backend Development Training
 - Learn Node.js from Basic to Advanced Level
 - Hands-on Coding Sessions
 - Live Projects & Practical Assignments
 - Real-world API Development
 - Database Integration Training
 - Expert Trainers with Industry Experience
 - Career Guidance & Placement Assistance
 - Industry-Recognized Certification
 - Interview Preparation Sessions
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What You Will Learn

- Backend Development Fundamentals
 - Server-side JavaScript
 - REST API Development
 - Authentication & Authorization
 - Database Integration
 - Real-time Application Development
 - Deployment & Hosting
 - Error Handling & Debugging
 - Project Architecture
 - Web Application Security
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Course Modules

1. Introduction to Node.js

- What is Node.js
 - Node.js Architecture
 - Installing Node.js
 - npm & Package Management
 - Understanding Event Loop
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2. JavaScript Fundamentals for Node.js

- Variables & Data Types
 - Functions & Arrow Functions
 - Arrays & Objects
 - ES6 Features
 - Async Programming Basics
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3. Core Node.js Modules

- File System Module
 - HTTP Module
 - Path Module
 - Events Module
 - OS Module
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4. Working with npm

- Installing Packages
 - Package.json
 - Dependencies Management
 - Using Third-party Libraries
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5. Express.js Framework

- Introduction to Express.js
 - Routing
 - Middleware
 - Request & Response Handling
 - Error Handling
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6. REST API Development

- Creating APIs
 - CRUD Operations
 - JSON Data Handling
 - API Testing
 - API Security Basics
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7. Database Integration

MongoDB

- Database Basics
- CRUD Operations
- Collections & Documents
- MongoDB Queries

Mongoose

- Schema Creation
 - Models
 - Validation
 - Relationships
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8. Authentication & Security

- User Authentication
 - JWT Authentication
 - Password Encryption
 - Authorization
 - Secure APIs
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9. Real-time Applications

- Introduction to Socket.io
 - Real-time Chat Application
 - Live Notifications
 - Event-based Communication
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10. File Upload & Email Integration

- File Upload Handling
 - Image Upload
 - Email Sending Functionality
 - Nodemailer Integration
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11. Deployment & Hosting

- Hosting Node.js Applications
 - Environment Variables
 - Deployment Process
 - Production Setup Basics
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12. Project Development

Students will build:

- REST API Projects
 - Authentication Systems
 - Real-time Applications
 - Backend for Web Applications
 - CRUD Applications
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Live Projects Included

- User Authentication System
 - Chat Application
 - E-commerce Backend
 - Blog Management API
 - Real-time Notification System
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Tools & Technologies Covered

- Node.js
 - Express.js
 - MongoDB
 - Mongoose
 - REST APIs
 - JWT
 - Socket.io
 - npm
 - Postman
 - Git & GitHub
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Career Opportunities

After completing the Node.js course, students can apply for:

- Node.js Developer
 - Backend Developer
 - Full Stack Developer
 - API Developer
 - JavaScript Developer
 - Web Application Developer
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Certification

Students receive an industry-recognized Node.js Course Certificate after:

- Completing the training
 - Submitting assignments
 - Completing live projects
 - Final project approval
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Placement Assistance

- Resume Building
 - Interview Preparation
 - Mock Interviews
 - Internship Opportunities
 - Job Assistance Support
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Why Choose Kiyon Training Institute

- Experienced Trainers
 - Practical Learning Approach
 - Industry-Oriented Curriculum
 - Real-time Projects
 - Affordable Fees
 - Career-Focused Training
 - Personalized Attention
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Institute Details

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