

Node JS Training Course

COURSE DETAILS

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Overview

Node.js is an open-source, cross-platform JavaScript runtime environment that allows developers to run JavaScript code server-side. It is built on the V8 JavaScript runtime, which is the same runtime engine that powers the Google Chrome browser. Node.js enables the execution of JavaScript code outside of the browser, making it possible to develop server-side and network applications using JavaScript.

Yagnesh Darji

CEO Of Gems Institute Of Technology

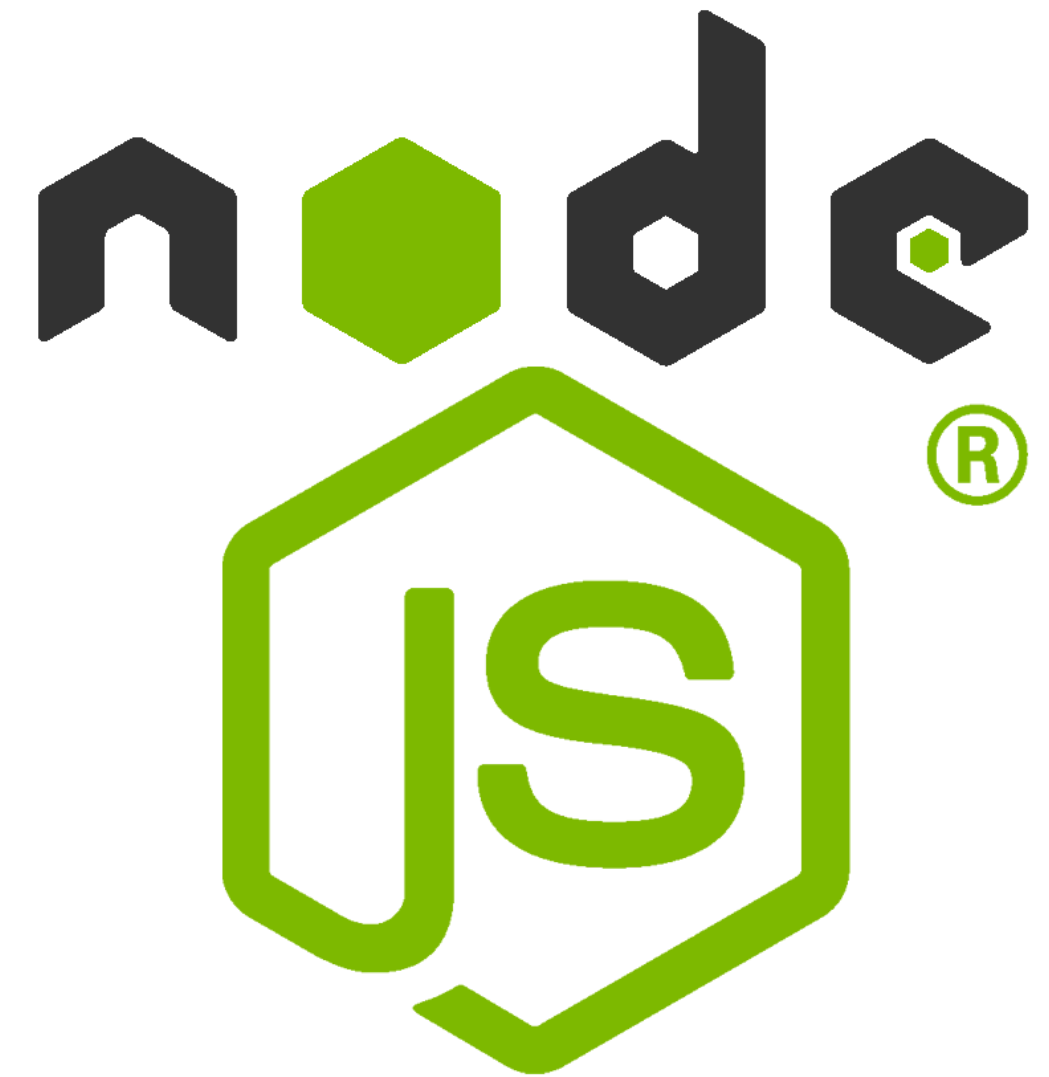


Getting Started With Node

- What is Node
- Node Architecture
- How Node Works
- Installing Node
- Your First Node Program

Node Module System

- Introduction
- Global Object
- Modules
- Creating a Module
- Loading a Module
- Path Module
- OS Module
- File System Module
- Events Module
- Event Arguments
- Extending EventEmitter
- HTTP Module





Node Package Manager (NPM)

- Introduction
- Package.json
- Installing a Node Package
- Using a Package
- Package Dependencies
- Installing a Specific Version of a Package
- Updating Local Packages
- DevDependencies
- Uninstalling a Package
- Working with Global Package

Express JS

- Introduction
- RESTful Services
- Introducing Express
- Building Your First Web Server

Express JS

- Nodemon
- Environment Variables
- Route Parameters
- Handling HTTP GET Requests
- Handling HTTP POST Requests
- Calling Endpoints Using Postman
- Input Validation
- Handling HTTP PUT Requests
- Handling HTTP Delete Requests
- Project- Build the Genres API
- Building RESTful APIs with Express Recap

MongoDB

- Introducing MongoDB
- Installing MongoDB on Windows
- Connecting to MongoDB

MongoDB

- Schemas
- Models
- Saving a Document
- Querying Documents
- Comparison Query Operators
- Logical Query Operators
- Regular Expressions
- Counting
- Updating and Removing a Document

Mongo – Data Validation

- Validation
- Built-in Validators
- Custom Validators
- Async Validators
- Validation Errors
- SchemaType Options

Mongoose – Modelling Relationships between Connected Data

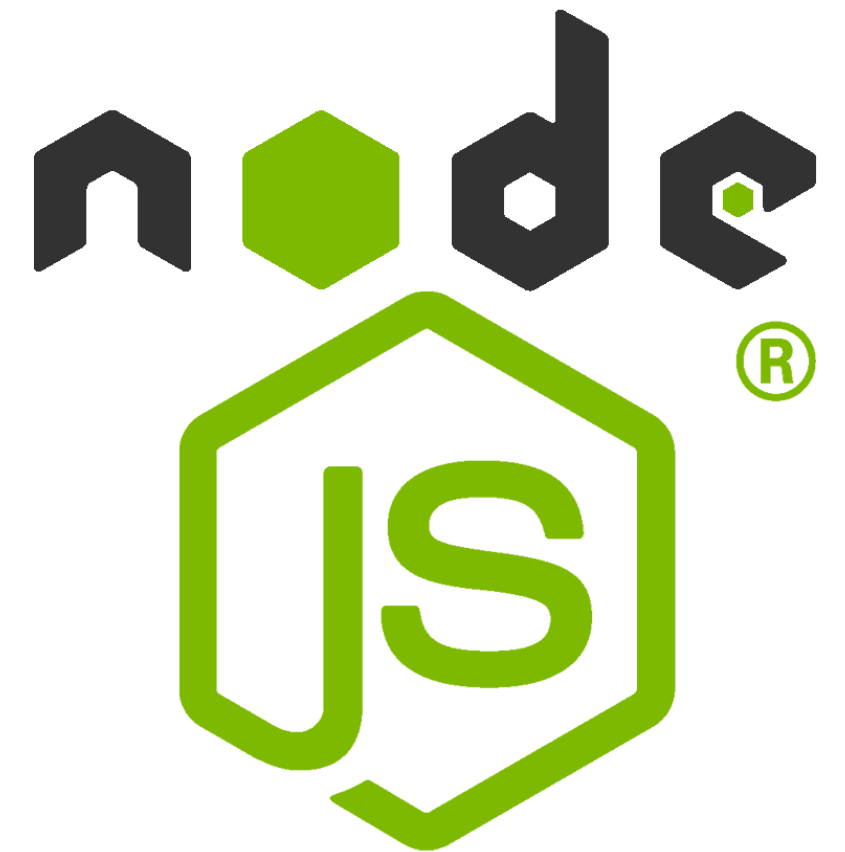
- Modelling Relationships
- Referencing Documents
- Population
- Embedding Documents
- Using an Array of Sub-documents
- Transactions
- ObjectID
- Validating ObjectIDs
- A Better Implementation

Handling and Logging Errors

- Introduction
- Handling Rejected Promises
- Express Error Middleware
- Try Catch Blocks
- Express Async Errors
- Logging Errors
- Logging to MongoDB
- Uncaught Exceptions
- Unhandled Promise Rejections
- JWT Token

Node JS Training Course Fees: ~~₹ 50,000~~ **₹ 25,000**

Course Duration: 3 Months





Thank You

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