

Syllabus ...

- 1. Network Models Introduction to Node JS** (8 Hrs.)
 - 1.1 Introduction
 - 1.2 What is Node JS?
 - 1.3 Advantages of Node JS
 - 1.4 Traditional Web Server Model
 - 1.5 Node.js Process Model
 - 1.6 Install Node.js on Windows
 - 1.7 Working in REPL
- 2. Node JS Modules** (10 Hrs.)
 - 2.1 Functions
 - 2.2 Buffer
 - 2.3 Module
 - 2.4 Module Types
 - 2.5 Core Modules
 - 2.6 Local Modules
 - 2.7 Module.Exports
- 3. Node Package Manager** (6 Hrs.)
 - 3.1 What is NPM ?
 - 3.2 Installing Packages Locally
 - 3.3 Adding dependency in package.json
 - 3.4 Installing packages globally
 - 3.5 Updating packages
- 4. Web Server** (6 Hrs.)
 - 4.1 Creating web server
 - 4.2 Handling http requests
 - 4.3 Sending requests
- 5. File System** (8 Hrs.)
 - 5.1 Fs.readFile
 - 5.2 Writing a File
 - 5.3 Writing a file asynchronously
 - 5.4 Opening a file
 - 5.5 Deleting a file
 - 5.6 Other IO Operations
- 6. Events** (4 Hrs.)
 - 6.1 EventEmitter class
 - 6.2 Returning event emitter
 - 6.3 Inhering events
- 7. Database Connectivity** (6 Hrs.)
 - 7.1 Connection string
 - 7.2 Configuring
 - 7.3 Working with select command
 - 7.4 Updating records
 - 7.5 Deleting records



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