

UIDESK
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COURSE CONTENT for Javascript and Javascript OOP'S
www.ui-desk.com
Ph : 9100831318
E-Mail:sai.uidesk@gmail.com

Node Js Course Content:

- What is Node.js?
- Installing Node.js on PC
- Node Core
 - Global Object
 - Argument variables with process.argv
 - Standard input and output
 - Global Timing functions
- Node Modules
 - Core Modules
 - Collecting information and Readline
 - Handling Events with EventEmitter
 - Exporting custom modules
 - Creating child process with exec
 - Creating child process with spawn
- The File System
 - Listing directory files
 - Reading files
 - Writing and appending files
 - Directory creation
 - Renaming and removing files
 - Renaming and removing directories
 - Readable file streams
 - Writable file streams
- The HTTP Module
 - Making a request
 - Building a web server
 - Serving files
 - Serving JSON data
 - Collecting POST data
- Node Package Manager
 - Installing npms locally
 - Installing npms globally on a PC
 - File servers with httpster
- Web Servers
 - The package.json file
 - Intro to express
 - Express routing and CORS
 - Express post bodies and params
- Web Sockets
 - Creating a web socket server
 - Broadcasting message with WebSockets

- Creating WebSockets with Socket.IO
- Testing and Debugging
 - Testing with mocha and chai
 - Asynchronous mocha testing
 - Mocking a server with Nock
 - Injecting dependencies with rewire
 - Advanced testing Sinon spies
 - Advanced testing Sinon stubs
- Automation and Deployment
 - Hinting your code with Grunt
 - Converting Less/Sass to CSS with Grunt
 - Building client scripts with Browserify
 - Automation with npm
 - Debugging with npm
- Extra:
- Git