Node JS Course

Who we are

Techeduxon has been a platform for global online technology education since 2015. We are now taking it up a notch higher by introducing ways of advanced learning to up-skill and cross-skill your profession with cutting-edge, customized programs. With our Top Tier IT & Enterprise training Courses, We enable you to the forefront & become 'Industry Ready' in this Advancing & Unforeseen Digital World with your upskill Innovations.

Course Overview

This course will help you to have in depth knowledge about the concepts of Express. JS , shrink wrap, NPM Vet, Rest,
It Will also help you how to build a HTTP Server.

- Introduction to Node JS
- File system
- Node projects
- Express JS
- Multi processing in Node JS
- How to build HTTP Server Node. JS using HTTP APIs
- Buffer ,streams and events

Pre requisites

One should have basic knowledge of HTML and JavaScript so as to enroll for this course.

Target audience

Quality analysts, Project managers, full stack web developers, and one who wants to do project in web development.

Course Modules

Introduction to Node JS

- Introduction to Node JS & Node JS framework
- Process of Installing Node JS
- Using Node JS to execute script

File System

- File system and security
- Path & directory options
- Directory name and file name

Node projects

- Create a project
- Node package manager
- The package.json configuration manager
- Local package vs global package installation

Express JS

- Using REST
- JSON data
- Read POST data
- How to configure Express
- Define Jade templates
- Model View controller pattern

- Postman configuration
- CRUD Operations
- Add middleware
- Express JS

Multi processing in Node JS

- Multi processing
- Work with child process API
- Work with Cluster API for multi-core servers

How to build HTTP Server Node. JS using HTTP APIs

- HTTP Protocol
- Build HTTP Server
- Process Query Strings
- Process Posted Data
- Build HTTP server node JS using HTTP APIs.

Buffer ,streams and events

- File system and security
- Use buffers for Binary data
- Flowing vs. non-flowing streams

Work with shrink wrap to lock node modules

- Shrink wrap
- Work with Npmvet
- How to install shrink wrap

Introduction to Task Manager with unit testing

- Work with gulp and grunt

- Work with unit
- Gulp vs grunt
- Unit testing

Projects

1) Online Music Store Manage Your Personal Music Library

In this project, you are required to design an online music store that will enable the client to optimize their business by allowing customers to purchase whatever music they want.

2) Create Your Own Learning Management System

Develop a learning management system with features that include registration control, document management, multiple device access, course calendars and registration of new tickets.

Projects & Assignments

Our Expert trainers will provide the real time Projects & Assignments.

Help

Support

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