



# Certified Node.JS Developer VS-1250

**Vskills Certifications**

**Vskills Brochure**



## Certified Node.JS Developer

### Certification Code VS-1250

Vskills certification for Node.JS Developer assesses the candidate as per the company's need for web application development using Node.js. The certification tests the candidates on various areas related to node.js like node modules, web servers, sockets, error handling and clustering.

**Pre-requisite:** Knowledge of Javascript, HTML/HTML5, computer networking and internet.

### Why should one take this certification?

This Course is intended for web developers, programmers and graduates wanting to excel in their chosen areas. It is also well suited for those who are already working and would like to take certification for further career progression.

Earning Vskills Node.JS Developer Certification can help candidate differentiate in today's competitive job market, broaden their employment opportunities by displaying their advanced skills, and result in higher earning potential.

### Who will benefit from taking this certification?

Job seekers looking to find employment in web application development or IT departments of various companies, students generally wanting to improve their skill set and make their CV stronger and existing employees looking for a better role can prove their employers the value of their skills through this certification.

### Test Details

- **Duration:** 60 minutes
- **No. of questions:** 50
- **Maximum marks:** 50, Passing marks: 25 (50%)

There is no negative marking in this module.

### Fee Structure

Rs. 3,999/- (Excludes taxes)\*

\*Fees may change without prior notice, please refer <http://www.vskills.in> for updated fees

### Companies that hire Vskills Node.JS Developer

Node.JS Developers are in great demand. Companies specializing in web application development or website development are constantly hiring skilled Node.JS developers. Various public and private companies also need Node.JS developers for their IT or software development departments.

# Table of Contents

## 1. Node.js Fundamentals

- Installing Node.js
- Node.js Syntax
- A Basic Web Server using the HTTP module
- Practice: Basic features of Node.js

## 2. Node.js: Files, Data Stores, Networked, and WebSocket Applications

- Working with Directories and Files
- Data Stores
- Client Server Networking
- Web Socket Servers
- Practice: Data-driven solutions in Node.js

## 3. Node.js: Express Applications and the MEAN Stack

- Getting Started with Express and Jade
- Working with Express
- Practice: Creating a REST API Server using MongoDB
- Working with MEAN Stack Apps
- Practice: Creating a MEAN Stack App

## 4. Optimizing and Securing Node.js Applications

- Working with Events and Processes
- Managing Processes and Program Flow
- Securing Data and Transmissions
- Authorization and Authentication
- Practice: Creating Secure Node.js Applications

## 5. Node.js: Debugging, Testing, Deploying, and Maintaining Node Applications

- Debugging Applications in Development
- Testing
- Code Coverage Reporting
- Deployment and Publishing
- Maintaining Node.js Applications
- Practice: Testing, Deployment, and Maintenance

## Sample Questions

1. Which statement will use a Node module http in a Node based application?

- A. `var http = require("http");`
- B. `var http = import("http");`
- C. `package http;`
- D. `import http;`

2. What will show version of npm?

- A. `$ npm --version`
- B. `$ node --version`
- C. `$ npm getVersion`
- D. `$ node getVersion`

3. Which statement will use a Node module fs in a Node based application?

- A. `var fs = require("fs");`
- B. `var fs = import("fs");`
- C. `package fs;`
- D. `import fs;`

4. Which fs module's method will read a directory?

- A. `fs.readDirectory(path[, mode], callback)`
- B. `fs.read(path[, mode], callback)`
- C. `fs.readdir(path, callback)`
- D. None of the above

5. What will print the name of operating system?

- A. `console.log('type : ' + os.type);`
- B. `console.log('type : ' + os.type());`
- C. `console.log('type : ' + os.getType());`
- D. None of the above

**Answers: 1 (A), 2 (A), 3 (A), 4 (C), 5 (B)**

## Certifications

### ➤ Accounting, Banking and Finance

- Certified AML-KYC Compliance Officer
- Certified Business Accountant
- Certified Commercial Banker
- Certified Foreign Exchange Professional
- Certified GAAP Accounting Standards Professional
- Certified Financial Risk Management Professional
- Certified Merger and Acquisition Analyst
- Certified Tally 9.0 Professional
- Certified Treasury Market Professional
- Certified Wealth Manager

### ➤ Big Data

- Certified Hadoop and Mapreduce Professional

### ➤ Cloud Computing

- Certified Cloud Computing Professional

### ➤ Design

- Certified Interior Designer

### ➤ Digital Media

- Certified Social Media Marketing Professional
- Certified Inbound Marketing Professional
- Certified Digital Marketing Master

### ➤ Foreign Trade

- Certified Export Import (Foreign Trade) Professional

### ➤ Health, Nutrition and Well Being

- Certified Fitness Instructor

### ➤ Hospitality

- Certified Restaurant Team Member (Hospitality)

### ➤ Human Resources

- Certified HR Compensation Manager
- Certified HR Staffing Manager
- Certified Human Resources Manager
- Certified Performance Appraisal Manager

### ➤ Office Skills

- Certified Data Entry Operator
- Certified Office Administrator

### ➤ Project Management

- Certified Project Management Professional

### ➤ Real Estate

- Certified Real Estate Consultant

### ➤ Marketing

- Certified Marketing Manager

### ➤ Quality

- Certified Six Sigma Green Belt Professional
- Certified Six Sigma Black Belt Professional
- Certified TQM Professional

### ➤ Logistics & Supply Chain Management

- Certified International Logistics Professional
- Certified Logistics & SCM Professional
- Certified Purchase Manager
- Certified Supply Chain Management Professional

### ➤ Legal

- Certified IPR & Legal Manager
- Certified Labour Law Analyst
- Certified Business Law Analyst
- Certified Corporate Law Analyst

### ➤ Information Technology

- Certified ASP.NET Programmer
- Certified Basic Network Support Professional
- Certified Business Intelligence Professional
- Certified Core Java Developer
- Certified E-commerce Professional
- Certified IT Support Professional
- Certified PHP Professional
- Certified Selenium Professional
- Certified SEO Professional
- Certified Software Quality Assurance Professional

### ➤ Mobile Application Development

- Certified Android Apps Developer
- Certified iPhone Apps Developer

### ➤ Security

- Certified Ethical Hacking and Security Professional
- Certified Network Security Professional

### ➤ Management

- Certified Corporate Governance Professional
- Certified Corporate Social Responsibility Professional

### ➤ Life Skills

- Certified Business Communication Specialist
- Certified Public Relations Officer

### ➤ Media

- Certified Advertising Manager
- Certified Advertising Sales Professional

### ➤ Sales, BPO

- Certified Sales Manager
- Certified Telesales Executive

**& many more job related certifications**

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