



Get Certified

# NetTech India

**Certified Professional  
Diploma in  
FULLSTACK  
DEVELOPMENT**

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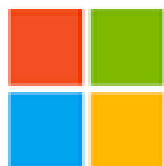
**Pune**

8591861770

# CERTIFICATIONS OPTIONS AVAILABLE



**CancanIT**  
Professional certification  
for web Developers  
[www.cancanit.com](http://www.cancanit.com)



**Microsoft**



**NetTech India**



# ABOUT US

**NetTech India Training Institute** offers a high-quality learning experience in the field of IT training to train students on brand new technologies and train them to deliver the desired results with commercially relevant and re-organized technical skills.

The probability of achieving your dream job will keep on increasing day by day once you complete a course in **NetTech India**. We also focus on improving soft skills in terms of communication, leadership, teamwork, external appearance, and attitude which helps everyone to be professional in all the aspects of their career.



**25%**

**Theory**



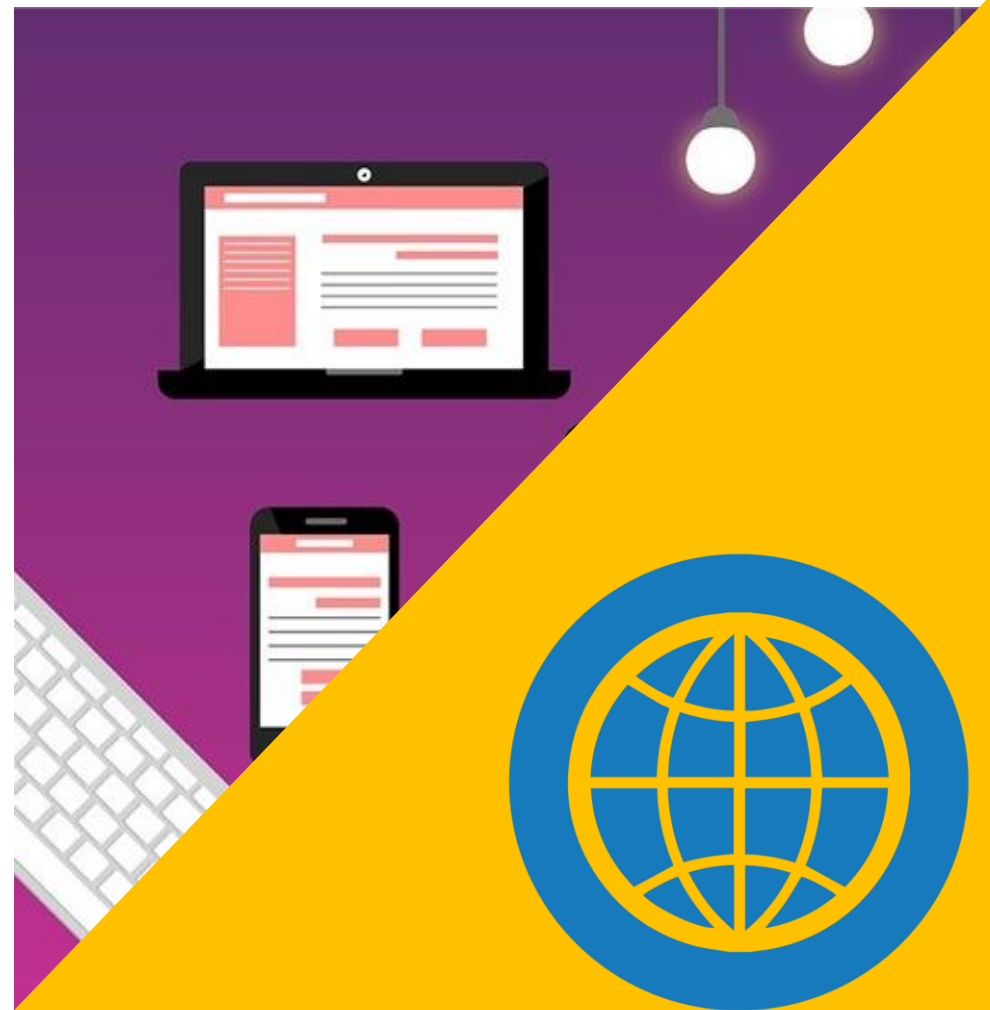
**75%**

**Practicals**

# ABOUT

# FULL STACK DEVELOPMENT

NetTech India Full stack web developer training makes you an expert in the field Of back-end and front-end web technologies The course includes training in Web development, jQuery, NodeJS, Express JS, and MongoDB. The curriculum is designed based on extensive research. The course topics might vary and it may include HTML 5, CSS3, JavaScript, Manipulation, Ajax, Google API, JQuery, forms, REST API, SPA, DOM Manipulation, Angular CLI, MVC Framework, EJS Template, Handlebars, NoSQL, Socket IO, Hapi, Mongo DB architecture, Schema Design, DataModeling, indexing, to name a few.



# **BENEFITS OF FULL STACK DEVELOPMENT**

- Career Growth - Higher Pay & Position
- Encourages professional development
- Enriches self-image and reputation
- Enhances professional credibility.
- Abundant Job Opportunities
- Used In Many Industries
- Global Recognition
- Secure and Flexible
- 50+ Case Studies
- 10+ Projects



# TOPICS COVERED

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- **HTML**
- **CSS**
- **JAVASCRIPT**
- **JQUERY**
- **PHP**
- **MYSQL**
- **REACT JS**

## **Objectives:**

With this progressive HTML5 ,CSS3, JAVA SCRIPT and J-QUERY combo course, we brings forth yet another blended training module comprising of two of the most popular and rapidly emerging technologies. HTML5 and CSS3 is the next big thing in the world of web development. HTML5 has risen to the status of a core markup language in the world wide web due to a number of new attributes and elements that are apt for use in modern websites.

This training will also teach you how to: code application logic in web applications with the use of JavaScript, store local data using JSON, create HTML5 pages to parse data with the use of HTML5 forms, build the DOM, build responsive layouts with CSS3, and describe on HTML5 canvas.

## Overview of HTML5:

- Introduction HTML
- HTML Basics HTML
- Structure of HTML5
- Different between HTML and HTML5
- Elements HTML5
- Semantic HTML Attributes and Formatting Tags
- HTML Headings
- HTML Paragraph
- HTML Pre tag
- HTML Mark Tag
- HTML br and hr tag
- HTML Image with alt
- HTML Styles
- HTML Formatting
- HTML Quotations
- HTML Computer Code
- HTML Comments & Colours HTML CSS,
- Links and Images
- HTML Lists



- HTML Table
- HTML Blocks
- HTML SVG
- HTML Classes
- HTML iframe - Google Map
- HTML Layout
- HTML Responsive
- HTML JavaScript
- HTML Forms - Labels and Inputs , Radio , Date , Time , Checkbox, Select, Textarea, Button-submit , Input-Required , Max- length and Min- length
- Html Marquee
- Html variables
- Figure Tag , Figure caption ,Video,Audio.
- HTML Canvas



- Introduction CSS3
- CSS3 Syntax
- CSS3 How To link css in html
- CSS3 Colours
- CSS3 Backgrounds
- CSS3 Background Image
- CSS3 Borders
- CSS Padding
- CSS Margin
- CSS Calc method
- CSS hover
- CSS importants
- CSS opacity
- CSS scale
- CSS skew
- CSS rotate c
- CSS3 Font Style
- CSS Height/Width
- CSS Animation - Keyframes
- CSS3 Gradients
- CSS3 Postion Fixed and Sticky

- CSS3 Shadows
- CSS3 Text
- CSS3 Fonts
- CSS3 2D Transforms
- CSS3 3D Transforms
- CSS Lists, CSS Tables
- CSS Outline
- CSS Display
- CSS Max-width
- CSS Position
- CSS Justify Contant
- CSS Float
- CSS Inline-block
- CSS Align
- CSS class
- CSS element
- CSS Navigation Bar
- CSS Dropdowns
- CSS Tooltips
- CSS3 Images
- CSS Attribute
- Selectors CSS
- Forms CSS Counters
- CSS3 Animations

- CSS3 Buttons
- CSS3 Pagination
- CSS3 Multiple Columns
- Border Image
- Media Queries, CSS3 Responsive

# JAVA SCRIPT

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- JavaScript Introduction,
- Internal, External javascript
- Data Types
- Js Operators
- If Statements
- Switch,Loops Js
- Function
- Function return
- Function with parameters
- Arrow Functions
- Calculator Projects using Function
- Object
- Arrays Js
- Array Methods
- Array Map, Filter, Reduce
- Maths Methods
- Prototypes
- Try and catch

- DOM(Document Object) getElementById, GetElementsByName, getElementsByTagName, InnerHtml, InnerText property Js
- Validation – Form validation, Email validation Js
- OOPs – JS Class, Object, Constructor, Methods Js Inheritance, Encapsulation, Polymorphism, Abstraction

# JQUERY

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- Introduction to jQuery
- jQuery Syntax
- jQuery Selectors
- jQuery Events
- Hide, Show, Toggle,
- FadeIn, FadeOut,
- SlideDown, SlideUp, SlideToggle,
- Jquery animate
- JQuery Mouseover and Mouseleave
- JQuery Keypress, Keyup and Keydown
- JQuery Focus, blur, select, submit
- jQuery Click and dblclick
- jQuery CSS
- jQuery Effects
- jQuery HTML
- jQuery Append, prepend, before, after
- jQuery Mobile jQuery Mobile Pages
- Mobile Buttons
- Mobile Navbars
- Mobile Tables
- jQuery Mobile Forms

# PHP & MYSQL

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- PHP & MySQL Developer course aims to give participants a powerful open platform, for creating database-driven websites.
- This PHP MySQL training is recommended for professionals and students who wish to learn web development and existing developers who want to expand their skill set.
- It lets professionals create dynamic web pages that readily interact with databases.
- This is a great benefit if you wish to build web based software applications.



- **Introduction:** Web Development with PHP. The architecture of a web application. Basic PHP skills to get data from a request. Work with data.
  - **Control statements:** Code the conditional expressions, the selection structures, and the iteration structures
  - **Strings and Numbers:** Work with strings and numbers. Other skills for working with strings and numbers.
  - **Work with dates:** Use timestamps to work with dates and use objects to work with dates
  - **Create and use Arrays:** Create and use an array. Create and use an associative array. How to use functions to work with arrays. How to work with an array of arrays.
  - **Create and use functions:** Basic skills for working with functions. Create and use namespaces. Advanced skills for working with functions
  - **Work with cookies and sessions:** Work with cookies and sessions.
  - **Work with form data:** Get data from a form and display data on a web page.
  - **Use regular expressions, handle exceptions, and validate data:** How to use regular expressions. How to handle exceptions.
  - **Design a database:** How to design a data structure. How to normalize a data structure. A database design tool
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# MYSQL

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- **Introduction:** An introduction to a relational database. The SQL statements for data manipulation. An introduction to MySQL. How to use PHP MyAdmin.
  - **Use SQL to create a MySQL database:** How to work with databases. How to work with tables. How to work with indexes. How to work with users and privileges. Other skills for creating a databases
  - **Use SQL to work with a MySQL database:** Select data from a single table? Select data from multiple tables? Code summary queries? How to code sub-queries. How to insert, update, and delete rows.
  - **PHP for working with MySQL:** Ways to use PHP to work with MySQL. How to work with PDO. How to work with MySQL
  - **PHP with a MySQL database:** PHP for working with MySQL. How to get data from a result set
  - **Working with PHP services:** SOAP.REST
-

- **MVC pattern to organize your code:** How to use the MVC pattern.
- **Object-oriented Programming concept with PHP:** Create and use classes. How to code class constants, properties, and methods. Working with objects. How to work with inheritance
- **Test and debug a PHP application:** An introduction to testing and debugging. How to debug with xDebug and Net beans
- **A database-driven website:** How to work with large text columns.
- **Create secure websites:** How to use a secure connection. How to use authentication. How to work with encrypted data.
- **Send email and access other websites:** How to send an email. How to get data from other servers.

# REACT JS

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## 1. REACTJS – OVERVIEW

- React – Features
- React – Advantages
- React – Limitations

## 2. REACTJS – ENVIRONMENT SETUP

- Install Global Packages
- Create the Root Folder
- Add Dependencies and Plugins
- Create the Files
- Set Compiler, Server, and Loaders
- index.html
- App.jsx and main.js
- Running the Server

## 3. REACTJS – JSX

- Using JSX
- Nested Elements
- Attributes
- JavaScript Expressions
- Styling

- Comments
- Naming Convention

#### **4. REACTJS – COMPONENTS**

- Stateless Example
- Stateful Example

#### **5. REACTJS – STATE**

#### **6. REACTJS – PROPS OVERVIEW**

- Using Props27 Default Props
- State and Props

#### **7. REACTJS – PROPS VALIDATION**

- Validating Props

#### **8. REACTJS – COMPONENT API**

- Set State
- Force Update
- Find Dom Node

#### **9. REACTJS – COMPONENT LIFE CYCLE**

- Lifecycle Methods

## **10. REACTJS – FORMS**

- Simple Example
- Complex Example

## **11. REACTJS – EVENTS**

- Simple Example
- Child Events

## **12. REACTJS – REFS 51**

- Using Refs..51

## **13. REACTJS – KEYS 53**

- Using Keys .53

## **14. REACTJS – ROUTER**

- Install a React Router
- Create Components
- Add a Router

## **15. REACTJS – FLUX CONCEPT**

- Flux Elements
- Flux Pros

## **16. REACTJS – USING FLUX**

- Install Redux
- Create Files and Folders

- Actions
- Reducers
- Store
- Root Component
- Other Components

## **17. REACTJS – ANIMATIONS**

- Install React CSS Transitions Group
- Add a CSS file
- Appear Animation
- Enter and Leave Animations

## **18. REACTJS – HIGHER ORDER COMPONENTS**

## **19. REACTJS – BEST PRACTICES**

## **20. Nodejs – CRUD Operations.**

**And Many More...**

# WHO CAN LEARN ?

- Anyone who wants to build a career as a Data Scientist.
- Anyone who wish to gain knowledge about Programming
- Students who are currently in college or university





# CAREER OPPORTUNITIES

- Frontend Web Developer
- Backend Web Developer
- UI/UX Developer
- Web Application Developer
- Web Analyst
- Senior Developer

**And Many More...**



# OUR RECRUITERS

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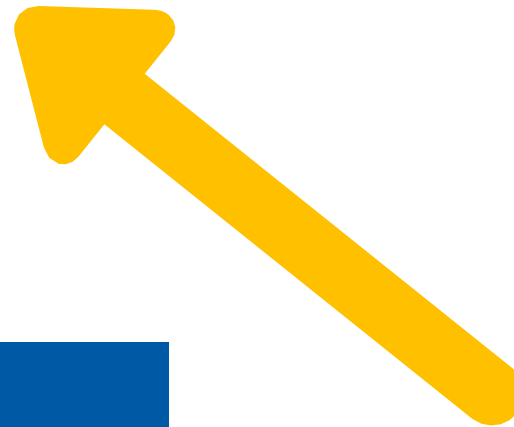
*and Many More....*

# PROCESS FOR **SUCCESS**

GET PLACED

GET TRAINED

ENROLL



# **FACILITIES OFFERED**

- Practical Training on Live Projects
- Complete Placement Assistance
- Interview Preparation
- Global Certification
- Fully functional labs
- Online / Offline Training
- Study Materials
- Expert Level Industry Recognized Training





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# NetTech India



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