

Croma Campus is now

**NASSCOM**<sup>®</sup>  
Certified Member



# MERN CERTIFICATION TRAINING

Chase your dream companies



**500K+**

Satisfied Students



**100K+**

Online Students



**300+**

Trainers



**300K+**

Placements



**200+**

Global Certifications



**150+**

Companies



**1.2 Million**  
Learners



**1-1 Personalized**  
Mentorship



**60% Average**  
Salary Hike

# About PROGRAM



**Learning Format**  
Online / Offline



**Duration**  
130 Hours



**Career Services**  
By Croma Campus

The Program in MERN covers many important subjects, provides you with live industry-based projects, and offers valuable practical experience. This in-depth MERN certification course will help you master all the key principles of MERN and develop all the essential skills required to become a professional. After joining this program, you will get all the required course material that will help you understand the core concepts of MERN. Moreover, you will get the best learning experience equipped with live virtual classrooms and professional trainers. Therefore, by joining this program, you will get a chance to learn about MERN technology and implement effective solutions to enhance the performance of an organization.

## Hottest Job of 21st Century



### 1.1 Million Job Postings

There is a global estimate of millions job postings for MERN roles .



### Skill Development

MERN professionals are equipped with various relevant skills for lucrative job offers



### Growing MERN Industry

35.5% CAGR in the global MERN industry.



### Future- Oriented Career

MERN is a budding field; a head start will prove to be beneficial.



### Popular Degree

43% of MERN professionals have a Master's degree.



### High Demand

By 2025, India and US will face a demand supply gap of 460,000 MERN professionals.

# Program **FEATURES**



## Key **Highlights**

- ✓ Instructor - Led Training
- ✓ Self- paced Videos
- ✓ Project & Exercises
- ✓ Job Assistance
- ✓ Flexible Schedule
- ✓ Life Time Free Upgrade
- ✓ Mentor Support
- ✓ Guaranteed Interviews
- ✓ 1 - 1 with industry mentors
- ✓ Training Certification

## Top Skills & **Tools Covered**



JavaScript



Reactjs



Express **JS**



mongoDB®

# Learning CURVE



## Who Should Enroll in **this Program**?

Any technical degree or equivalents such as B.tech, M.tech, a degree in engineering, bachelor/master's in computer science, and basic programming knowledge.

This program caters to a wide audience, from those who are hoping to enter the industry

- ✓ Fresh graduates who are intent on taking the plunge into the job market
- ✓ Developers who are working in one of the functional roles of front-end or back development and want to shift to full stack development
- ✓ Test engineers, system engineers, and others who want to make a career shift to

# MERN Certification **Training Curriculum**

## ✔ **Module 1: JavaScript with ECMAScript**

- Introduction to JavaScript Framework
  - History of JavaScript
  - What is ES6 (ECMAScript 6/JavaScript 6)
  - ES6 Module System
  - A Word on Babel
  - Block Scope, Let & Const
  - Template Literals
  - Arrow Functions
  - Spread and Rest Operators
  - Object Literal Improvements
  - De-structuring
  - Classes
  - Inheritance
  - Static Properties and Methods
  - Promises
  - Iterators and Iterables
  - Generators
  - Modules
  - New Features in ES6
  - JavaScript let
  - JavaScript const
  - JavaScript Arrow Functions
  - JavaScript Classes
  - Default parameter values
  - Array.find()
  - Array.findIndex()
  - Exponentiation (\*\*) (ECMA Script 2016)

## ✔ **Module 2: React.JS** **(An Open-Source JavaScript library for Building User Interfaces)**

- Introduction of React.JS
  - Audience
  - Pre-requisites
  - About React

- Features
- Advantages
- Limitations
- **Environment Setup**
  - Create of Root Folder
  - Install Global Packages
  - Add Dependencies and Plugins
  - Create the Files
  - Set Compiler, Server and Loaders
  - html
  - JSX and Main.js
  - Running the Server
- **JSX**
  - What is JSX?
  - Using JSX
  - Nested Elements
  - Attributes
  - JavaScript Expressions
  - Styling
  - Components
  - Naming Convention
- **Components**
  - Stateless
  - State full
- **State**
  - What is State?
  - Props
- **Props Overview**
  - Using Props
  - Default Props
  - State and Props
- **Props Validation**
  - Validating Props

- **Component API**
  - Set State
  - Force Update
  - Find DOM Node
- **Component Life Cycle**
  - Lifecycle Methods
- **Forms**
  - Simple
  - Complex
- **Events**
  - Simple
  - Child
- **Refs**
  - What is Refs?
  - Using Refs
- **Keys**
  - What are Keys?
  - Using Keys
- **Router**
  - Install a React Router
  - Add a Router
  - Create Components
- **Flux Concept**
  - What is Flux?
  - Flux Elements
  - Flux Props

## 🟢 **Module 3 : Node.JS: (Node.JS Coding Standards & Best Practices)**

- **Introduction of CSS**
  - Audience
  - Pre-requisites
  - About Node
  - Execute Node
  - Features

- Who use Node
- Concepts
- Where to use
- Where not to use
- **Environment Setup**
  - Text Editor
  - NodeJs Run Time
  - Download NodeJs
  - Installation
  - Executing
- **First Application**
  - Creating a NodeJs Application
  - Make a request to NodeJs Server
- **REPL Terminal**
  - What is REPL?
  - Starting REPL
  - REPL Commands
  - Stopping REPL
- **Packager Manager (NPM)**
  - Installing Modules using NPM
  - Global vs Local Installation
  - Using packages.json
  - Attributes of packages.json
  - Uninstalling Module
  - Updating Module
  - Searching Module
  - Create a Module
- **Call backs Concept**
  - Using Props
  - Default Props
  - State and Props
- **Event Loop**
  - Validating Props



- **Event Emitter**
  - Set State
  - Force Update
  - Find DOM Node
- **Buffers**
  - Lifecycle Methods
- **Streams**
  - Simple
  - Complex
- **File System**
  - Simple
  - Child
- **Global Objects**
  - What is Refs
  - Using Refs
- **Utility Modules**
  - What is Keys
  - Using Keys
- **Web Modules**
  - Install a React Router
  - Add a Router
  - Create Components
- **Express Framework**
  - What is Flux
  - Flux Elements
  - Flux Props
- **Restful API**
  - Install REDUX
  - Create Files and Folders
  - Actions
  - Reducers
  - Store
  - Root Component
  - Other Components

- **Scaling Application**
  - Install React CSS Transitions Group
  - Add a CSS File
  - Appear Animation
  - Enter and Leave Animations
- **MongoDB**
  - Connecting Node and MongoDB
  - Database Creation, Drop
  - Collection Operations
  - Documents Operations
- **Application**
  - Node and MongoDB Application

## ✓ **Module 4: Express JS – Web Application Framework**

- **Express.JS Basics**
  - Introduction, Advantages
  - Environment Setup
  - Basic Application
- **Advanced Concepts of Express.JS**
  - Request
  - Response
  - GET
  - POST
  - Routing
  - HTTP Methods
  - URL Building
  - Middleware
- **Call backs Concept**
  - Using Props
  - Default Props
  - State and Props
- **Event Loop**
  - Validating Props

- **Event Emitter**
  - Set State
  - Force Update
  - Find DOM Node
- **Buffers**
  - Lifecycle Methods
- **Streams**
  - Simple
  - Complex
- **File System**
  - Simple
  - Child
- **Global Objects**
  - What is Refs
  - Using Refs
- **Utility Modules**
  - What is Keys
  - Using Keys
- **Web Modules**
  - Install a React Router
  - Add a Router
  - Create Components
- **Express Framework**
  - What is Flux
  - Flux Elements
  - Flux Props

## 🟢 **Module 5: MongoDB – No SQL Database**

- **MongoDB Basics**
  - Introduction, Advantages
  - History, Features
  - No SQL Databases
  - Advantages over RDBMS

- **Environment Setup**
  - Install MongoDB
  - MongoDB Shell
  - MongoDB Data Model
  - MongoDB Datatypes
- **Database**
  - Create Database
  - Drop Database
- **Collection**
  - Create Collection
  - Drop Collection
- **CRUD Documents**
  - Insert Documents
  - Update Documents
  - Delete Documents
  - Query Documents
- **Methods**
  - Limit ()
  - Sort ()
  - Skip ()

## **Module 6: Live Projects**

# e-Learning through LMS

## Learning Management System

Our LMS (LearnPitch) is for the administration, documentation, tracking, reporting, automation, and delivery of educational courses, training programs, or learning and development programs.

Our LMS has been designed to identify training and learning gaps, using analytical data and reporting to keep you up with the class activities.

## Key Features Learning Management System



Live Sessions with Class recordings



Get study material with Assignments.



Track your curriculum covered.



Track your class wise attendance



Share your feedback for Trainer & Training



Get your Training Certificate from LMS



# Training **Certification**

## Earn Your **Certificate**

Your certificate and skills are vital to the extent of jump-starting your career and giving you a chance to compete in a global space.



# Croma Campus is **Nasscom Certified**

Croma Campus is now

# **NASSCOM**<sup>®</sup>

**Certified Member**



# Croma Campus! Reviews



"The most rewarding part of my experience has been achieving a prestigious certification in the subject that I love. Moreover, the training offered out by the specialists are of world-class and prepares out the students for corporate world. For me Croma Campus means a lot."

*"By The  
Students  
For The  
Students,,*

## Your Success Is **Our Story**



**Bharat**

"I am fully satisfied with the excellent training services received by the expert staff at Croma Campus. I want to thank Croma Campus for providing me with the most innovative and affordable training services for learning all the software testing procedures and guidelines. "



**Ankit**

"It was a lifetime experience for me to get trained by IT Experts of Croma Campus. What I liked most about the training was the consistent high-quality education, which was friendly and co-active. The placement department was also proactive, they keep me updated regarding new job opportunities and provide the grooming session to crack the interview. At last, I would like to thank all faculty members of Croma Campus for their immense help and support. "



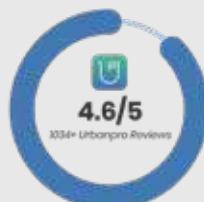
**Umesh**

"Without any second thought, I will give Croma Campus 10/10. Their placement department is highly proactive. I remember they started scheduling interviews for me from the very next day when I told them my course has been completed. These people are doing a phenomenal job and I highly recommend Croma Campus to everyone. "



**Shams Khan**

"Croma Campus is doing a phenomenal job in the IT training industry. The reason why I decided to join their training program was that they provide quality training at very a nominal price. Plus, the online training mode was also a factor due to which I decided to join the training program of Croma Campus as I didn't want to attend physical classes. "





# Meet Our Team



## Sales Team

Our Sales team is highly passionate, emphatic, positive attitude, great listening skills, ability to deliver quick solutions, and they are multitasker too. Our team always remains up-to-date about all the latest technologies and market trends. With effective communication skills, they always work to deliver the right information to customers when it is needed.



## Product Team

Our product team is highly functional and collaborative working together to achieve the common outcome of designing exceptional digital experiences. Each of our members is a contributor to help us achieve success in long-run. Sitting at the high-end of technology and innovation, team helps to deliver high-end customer experiences and always comes out with a big idea as a game-changing plan.



## Marketing Team

Our Marketing team works as gladiators and helps us to achieve business success in all possible ways. They are included in almost everything either it is building a brand, creating brand awareness, promoting products or services, delivering trailblazing customer experiences or increasing engagement at public forums. They are the true backbone of the Company.



## Content Team

Our content team is responsible for ideation, creation, optimization, and distribution of content throughout the company. The team always starts its work with a strategy, how to create high-quality contents, and how to promote or share the content. Our in-house content team help us to produce all types of contents either they are educational content pieces, marketing content, SEO content, or any other forms too.



## Customer Access Team

This is the team that has actually been taken up us from reactive state to a pro-active state. The team utilizes high-valued solutions to satisfy customers in all possible ways. It is truly said that no company can succeed if your customers are not satisfied. And our customer success team is dedicatedly working to keep all the customers satisfied and we always consider our customer feedback on priority.



## HR Team

Our HR team is committed to provide high-end solutions to employees as they require. Our HR team has the right skills and knowledge to make sure that the HR department can always be legally and strategically successful. They know how to keep employees motivated all the time with the best HR policies and fun activities too from time to time.

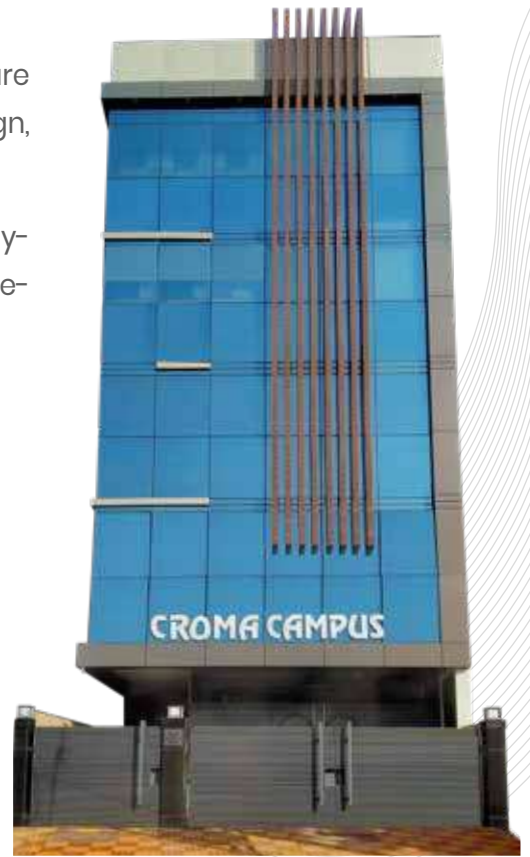


# Glimpse Of Our Office

## Look **Who We are**

Our office's infrastructure comprises all the necessary software and network resources that are required to deliver IT & Design, Human Resources, Digital Marketing, and training services.

We are well-equipped with bright designed work bays for employees and managers having separate cabins with spacious cafeteria and training classrooms.





# About Croma Campus

“ Our Mission is to Build Nation through Education & Beyond Limitation. ”

Croma Campus Training & Development Private Limited is an education platform providing rigorous industry-relevant programs designed and delivered in collaboration with world-class faculty, industry & Infrastructure. In the past 12 years we have trained 18000+ candidates and out of which we are able to place 12000+ professionals in various industries successfully.

We Are  
Affiliated  
With Different  
Partners



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