THE FUTURE OF TECHNOLOGY STARTS HERE.

MERN STACK

1 FRONTEND

2 BACKEND

3 DATABASE, API

CFI EDTECH

CoderFuel Infotech PVT. LTD.
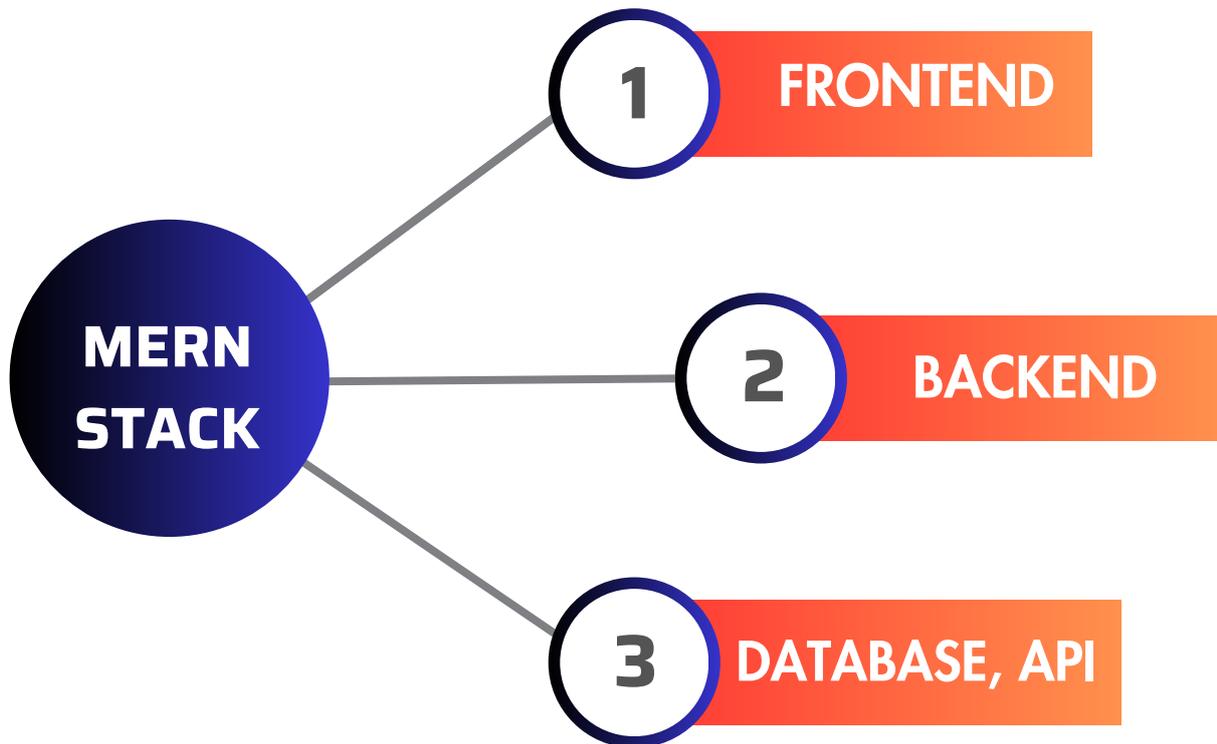
CFI EDTECH

The CFI founded in 2020 by our founders with the Vision to provide the Job oriented actual hands on training to professionals.

The Future Of Technology Starts Here.

The quality of training provided by our mentors and the genuine support provided to our professionals is the main thing that we are now among the best Corporate Institutes in Nagpur.

We're on mission to provide transformational learning outcomes to learners career.

Our Training with Internship Domains

1. Website Designing & Development
2. Android Development
3. Data Analyst
4. Salesforce Development
5. Python Development
6. Full Stack Web Development

WHY CFI IS BETTER?

Professional Syllabus

Classroom Training

Learn By Developer

Corporate Module Training

Weekly Assessments

Mock Interviews

Better Placement

Connect With Us On

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📍 **Address**
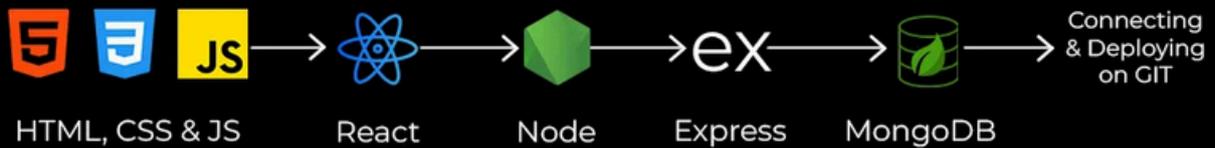26, Second Floor, IT Park, Gayatri Nagar, Nagpur-440022

Career Flow Path

Professional Roadmap

A Step-By-Step Guide

01 Learning Foundations

Building Full Stack Skills

02

03 Getting Hands-On Exposure

Creating an Impressive Portfolio

04

05 Finding Your First Job

Roadmap to become
MERN stack developer

HTML, CSS & JS → React → Node → Express → MongoDB → Connecting & Deploying on GIT

MERN STACK Developer
Professional Training Module

HTML,CSS & JS → React → Node → Express → MongoDB → Connecting & Deploying on GIT
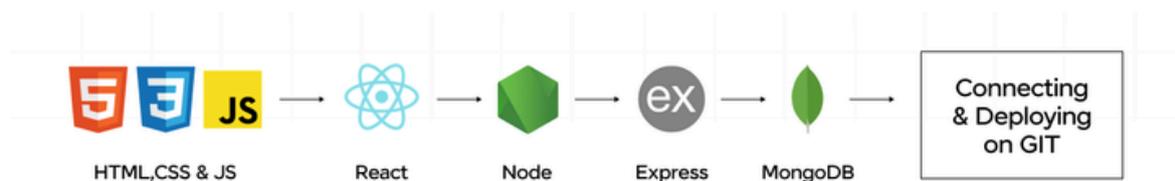
What is Mern Stack

Start your exciting journey into web development with our program designed for aspiring developers. Learn essential skills like SQL, HTML, CSS, GIT, React, Redux, Express, NodeJS, MongoDB, and more from scratch.

We go beyond the classroom & Virtual Live Classroom by offering placement support and chances to work on real-world projects. By the end of the program, you'll have the skills needed to succeed in your career. Join the program to enhance your skills and boost your career in web development.

Module 1: Introduction to Fullstack

- Fullstack Web Development
- Introduction to Project Management in Web Development
- Introduction to CMD
- Introduction to GitHub
- **Assignment**: Designing a Web Application

Module 2: UI Design

- Understanding UI Design
- Characteristics and Principles of UI Design
- Introduction to Figma
- UI Designing using Figma

Module 3: HTML

- Introduction to HTML
- HTML Tags
- HTML Attributes
- Meta Tags
- **Assignment**: Create a web page using HTML

Module 4: CSS

- Introduction to CSS
- CSS Selectors, Properties and Values
- CSS Animations
- Introduction to CSS framework
- **Assignment**: Designing a Website using CSS

Module 5: Frontend Development

- **Assignment**:
  Development of Website Front-end
  Creating Static Web Sites

Module 6: Bootstrap CSS Framework

- Introduction to Bootstrap
- Bootstrap Components
- Advanced features in Bootstraps
- **Assignments**: Dashboard with Bootstrap & More

Module 7: Javascript

- Defining functions
- Calling functions
- Functions as values
- Arguments and parameters
- Function scope
- Closures
- Arrow functions
- **Assignments**: Creating Website using JS

Module 8: DBMS using MongoDB

- Introduction to Database
- Concept of Data Modeling
- Relational & Non-relational Databases
- Introduction to MongoDB
- **Assignment**: Creating ERD & DB for E-Commerce Website

Module 9: NodeJS

- Introduction to Node.js
- Setting up Node.js
- Callbacks and Events
- Introduction to File System, Buffers & Streams
- Concepts of Objects & Modules
- **Assignment**: Hosting Website using Node.js

Module 10 – ExpressJS

- Introduction & Setup of Express.js
- Concepts of RESTful API, HTTP Methods, Routing
- Templating
- Database & Data Handling in Express.js
- Authentication in Express.js
- **Assignment**: Creating Express APIs for E-Commerce Website

Module 11 – ReactJS

- Installation & Introduction to React.js
- JSX & its Components
- React's Props & State Management
- Event Management in React
- Concept of React Hooks
- Routing in React
- React Forms & Client-side Programming

CFI PROGRAM ADD ON

- **Soft Skills Training**
- **Resume/CV Writing**
- **Interview Grooming**
- **Mock Interviews**
- **LinkedIn Guidance**
- **1:1 Interaction**
- **Git & Git Hub**
- **Project**

PROGRAM DURATION

6 Months

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