

Full-Stack Web Development

Duration : 6 Months

3 Days Free Trial

Price : Rs. 12999 /-

Module - 1: Introduction to HTML

1. Introduction To HTML
2. HTML Forms
3. HTML Tag-List
4. HTML Graphics
5. HTML Media
6. HTML Apis

Module - 3: Introduction to JS

1. Fundamentals of JS
2. JS Objects & Functions
3. JS Classes
4. DOM Manipulation
5. JS Web Apis & JS Graphics
6. JS AJAX & JSON
7. JQuery Library

Module - 5: Introduction to NodeJs

1. Introduction to Nodejs
2. Core Node.js modules
3. File system operations & events
4. Event loop and its role
5. Callbacks and event emitters
6. Promises & async/await

Module -6: Introduction to ExpressJs

1. Introduction to Expressjs
2. Creating Servers with ExpressJs
3. Creating Dynamic Template
4. Defining RESTful Routes
5. Implementing MVC in Express
6. Middleware in ExpressJs
7. API & Error Handling
8. Socket Programming

Module -7: Introduction to MongoDB

1. Introduction to MongoDB
2. CRUD With MongoDB
3. MongoDB Data Modeling
4. MongoDB Security
5. MongoDB Aggregation
6. MongoDB Indexes
7. MongoDB Storage & replication

Module - 2: Introduction to CSS

1. CSS Introduction
2. Intro to Flex
3. Intro to Grid
4. Responsive designs
5. Animations and 3D space
6. Bootstrap Framework

Module - 4: Version Control System

1. Introduction to Git
2. Introduction to Github
3. Pull / Push to Github
4. Clone / Fork from github
5. Git Ignore
6. Git & Github SSH
7. Git Revert / Reset / Amend

Module - 8: React & Redux

1. Introduction to React
2. Learning JSX
3. Create-React-App
4. React Components
5. Styling in React
6. Component Lifecycle Methods
7. React Hooks
8. React Router
9. Context API
10. Redux in React
11. Redux Toolkit

Module - 9: Deployment

1. Grunt / Gulp
2. Creating Databases (MongoDB)
3. Deploying NodeJS on AWS

Module - 10: Projects

1. Music Player WebApp
2. Stock Market Analysis WebApp
3. E-commerce WebApp
4. File Analyzer App
5. Google Drive Clone WebApp
6. Open-Board WebApp
7. Instagram Clone WebApp