



NETWORK NET

AN ISO 9001 : 2015 CERTIFIED INSTITUTE | SINCE 2005
DELHI NO. 1 COMPUTER INSTITUTE

FULL STACK DEVELOPER



OUR TOPIC

HTML 5

CSS 3

JAVASCRIPT & JQUERY

BOOTSTRAP

PHP & MYSQL

MERN STACK

MEAN STACK

HTML

Introduction to HTML

HTML Basics

HTML Elements

HTML5 Semantic

HTML Attributes

HTML Headings

HTML Paragraph

HTML Styles

HTML Formatting

HTML Quotations

HTML Comments & Colors

HTML CSS, Links, and Images

HTML Lists

HTML Blocks

HTML Layout

HTML Responsive

HTML iframes

HTML Head



CSS 3

Introduction to CSS3

CSS3 Syntax

CSS3 Backgrounds

CSS3 Borders

CSS Padding

CSS Height/Width

CSS3 Gradients

CSS3 Shadows

CSS3 Text

CSS3 Fonts

CSS Box Model

CSS Outline

CSS Display

CSS Max-width

CSS Position

CSS Float

CSS Inline-block

CSS Align

CSS Pseudo-class

CSS Pseudo-element

CSS Navigation Bar

CSS Dropdowns

CSS3 Images

CSS Attribute Selectors

CSS Forms

CSS3 Box Sizing

CSS3 Filters

CSS3 Media Queries

CSS3 Responsive



JavaScript & jQuery

Introduction to JavaScript

JavaScript Language Basics

JavaScript Objects

JavaScript Scope

JavaScript Events

JavaScript Strings

JavaScript Numbers

JavaScript Math

JavaScript Arrays

JavaScript Boolean

JavaScript Comparisons

JavaScript Conditions

JavaScript Switch

JavaScript Loops

JavaScript Type Conversion

JavaScript Errors

JavaScript Debugging

JavaScript Hoisting

JavaScript Strict Mode

JavaScript Functions

JavaScript Forms

JavaScript HTML DOM



jQuery

jQuery Effects - Hide and Show

jQuery Effects - Fading

jQuery Effects - Sliding

jQuery Effects - Animation

jQuery Stop Animations

jQuery - Get Content and Attributes

jQuery - Set Content and Attributes

jQuery - Add Elements

jQuery - Remove Elements

jQuery - Get and Set CSS Classes

jQuery - css() Method

jQuery - Dimensions

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Bootstrap

Introduction to Bootstrap

Bootstrap Basics

Bootstrap Grids

Bootstrap Themes

Bootstrap CSS

Bootstrap JS



PHP & MYSQL

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Part 1: PHP Crash Course

Using PHP

Embedding PHP in HTML

Adding Dynamic Content

Accessing Form Variables

06

Part 2: Storing and retrieving data

Opening a file

Writing a File

Closing a File

Reading from a File

07

Part 3: Using Arrays

Numerically Indexed Array

Associative Arrays

Sorting Arrays

Recording Arrays

08

Part 4: Reusing Code and Writing Functions

Using require() and include()

Using Functions

Parameters

09

Part 5: Creating your web database

Creating Databases and Users

Introduction to MySQL' Privilege System

Setting Up a User for the Web

Creating Database Tables

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Part 6: Working with your MySQL database

Inserting, Retrieving, and Updating Data into the Database

Altering Tables after Creation

MERN

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ReactJS

Introduction to ReactJS

Understand ReactJS Library & directory

React Components

Types of Components

Build a simple React component

Component composition

Component styling

Add styles to your components

Component intercommunication

How to pass data from one component to another

Routing

Using Routing to create a single-page app

Hooks

States

Hooks vs States

Types of Hooks

React Bootstrap

How to deploy ReactJS App

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Node.js

- Introduction to Node.js
- Architecture of Node.js Application
- Synchronous and Asynchronous Programming
- Callback Function in Node.js
- Promises in Node.js
- MongoDB with Node.js
- Design the Schema in Node.js
- Design the Rest API's
- GET, POST, PUT, DELETE
- JSON web Token Authentication in Node.js
- Create the Auth APP in Node.js
- Create the E-commerce Backend

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ExpressJS (Building RESTFUL API's Using Express)

- Express
- Restful services
- Introducing Express
- Building your First Web Server
- Nodemon
- Environment Variables
- Route Parameters
- Handling HTTP GET Request
- Handling HTTP POST Request
- Calling Endpoints Using Postman
- Input Validations
- Handling HTTP PUT Request
- Handling HTTP DELETE Request
- Project- Build the Genres API



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MongoDB

- Introduction to MongoDB (No-SQL)
- Collections in MongoDB
- Documents In MongoDB
- Difference between MySQL and NoSQL
- Inserting data into the database
- Filter queries in MongoDB Database
- Schema Validation in MongoDB database
- Indexing In collections
- Aggregation in MongoDB
- Embedded Document in MongoDB

MEAN

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AngularJS

- Introduction to AngularJS
- Understand AngularJS Library & directory
- Angular Components
- Types of Components
- Build a simple Angular component
- Component composition
- Component styling
- Add styles to your Angular components
- Component intercommunication
- How to pass data from one component to another
- Routing
- Using Routing to create a single-page app
- Services and Dependency Injection
- Directives
- Forms and Form Validation
- Angular Material
- How to deploy AngularJS App

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