



Full Stack



5 HTML

- a. Introduction to HTML & HTML5
- b. Doctype & Basic Layout
- c. Headings, Paragraphs & Typography
- d. HTML Common Tags - Buttons, Links, Images, Attributes, Lists and Tables
- e. Forms & Input
- f. Blocks and In-line Elements
- g. Introduction to Chrome Browser and Using Inspect

CSS

- a. Introduction to CSS
- b. CSS Selectors & CSS Specificity
- c. How to Use CSS with HTML File
- d. Dev Tools Introduction
- e. Common CSS Properties

Advanced CSS

- a. Grid
- b. Flexbox
- c. Tables and Pagination
- d. Responsive Design
- e. Media Queries
- f. Bootstrap
- g. Animations

Bootstrap

- a. Introduction to Bootstrap
- b. Basic Bootstrap Typography
- c. Spacing & Sizing
- d. Border & Radius
- e. Grid System
- f. Bootstrap Components
 - > Buttons
 - > Navbar
 - > Card
 - > Form & Inputs
 - > Tables & pagination

Javascript

- a. Introduction to Programming and Algorithms
- b. Introduction to Javascript
- c. Primitives types
- d. Expressions and Operators
- e. Conditions and Nested Conditions
- f. Data types and Non-primitive types
- g. Functions, Arrow Functions and Scope
- h. Loops and Nested Loops - for, while, do-while
- i. Objects in Javascript
- j. Introduction to IDE and Configure the IDE Environment
- k. Efficient Development & Debugging
- l. Exceptions and Error handling
- m. Global & Local Scope
- n. Async javascript - Promises & Callbacks

JavaScript HTML DOM

- a. DOM Introduction
- b. Node & Elements - Querying the DOM
- c. Selecting Elements
- d. Attributes and Properties
- e. Inserting and Removing DOM Elements
- f. Events and Forms

Rest API & AJAX

- a. Client Side vs Server Side
- b. Rest API introduction - How the web works
- c. HTTP Request / Response
- d. Introduction to Postman Software
- e. Headers and Body
- f. Json & XML
- g. How to explore and use public API's
- h. Tokens & JWT
- i. Perform API Calls with AJAX
- j. Perform API calls with Postman

React

- a. Introduction to React
- b. React Basic - Components using JSX
- c. React States - Working with Events
- d. Components Lifecycle
- e. Stateless vs Stateful
- f. Routing
- g. Redux and React Hooks
- h. Material-Ui
- i. Testing React Apps - Unit Tests

Git & Github

- a. Introduction to Git and Github
- b. CMD Basic Commands
- c. Set up Git
- d. Set up Github
- e. Create a Repository
- f. Fork a Repository
- g. Working with Branches
- h. Merging Branches
- i. Resolve Conflicts

Java - Basic

- a. Introduction to Java
- b. Java vs Javascript
- c. Introduction to IDE IntelliJ IDEA
- d. Configure IDE IntelliJ IDEA
- e. Primitives types
- f. Expressions and Operators
- g. Conditions and Nested Conditions
- h. Data types and Non-primitive types Array, List, Map
- i. Functions and Scope
- j. Loops and Nested Loops - for, while, do-while
- k. Efficient Development & Debugging
- m. Exceptions and Error handling

Java Advanced - OOP

- a. Introduction to OOP
- b. Objects, Classes and Constructors in Java
- c. Inheritance
- d. Composition, Encapsulation and Polymorphism
- e. Abstract Classes and Interfaces
- f. Java Generics

Spring Boot Framework

- a. Introduction to Spring Boot Framework
- b. Generating Spring Boot Project
- c. Gradle Dependencies
- d. Spring Boot Annotations and Lombok
- e. Dependency Injection Concept and Project Configuration
- f. MVC Principles
- g. Rest API with Spring Boot and Java
- h. Connecting Spring Boot With MySQL
- i. Read and Write to the Database using Jackson ObjectMapper
- j. Creating End to End Backend CRUD Application
- k API Testing with Postman
- m. Creating Java Jar FilesJava Collections

SQL & MySQL

- a. Introduction to SQL and Relational Databases
- b. Introduction to MySQL
- c. Creating Database and Tables
- d. Keys and Foreign Keys - One to Many & Many to Many Relations
- e. CRUD Commands
- f. String Functions - CONCAT, REPLACE, UPPER, LOWER
- g. Query using DISTINCT, SORT, LIMIT and ORDER
- h. Joins, Group by, Having
- i. Indexing

מסלול קורסי העשרה

- פתיחת עסק עצמאי
- דיני חוזים
- מכירות
- דיני עבודה
- פיתוח עסקי
- שפת גוף
- מחקרי שוק והתנהגות צרכנים
- כתיבת תוכן שיווקי
- אסטרטגיה למנהל דיגיטל
- מבוא לשיווק דיגיטלי

