

Become a Certified Full Stack Developer:

Building Tomorrow's Web Today.....



FULL STACK DEVELOPMENT:

Full-stack development refers to the practice of building both the front-end and back-end components of a web application. A full-stack developer is proficient in both client-side and server-side technologies, allowing them to work on all aspects of web development, from designing user interfaces to managing databases and server infrastructure.

PROGRAM CURRICULUM:

FRONT-END PROGRAMMING:

HTML:

- Basic Tags
- HTML5 Tags
- HTML Forms
- HTML Media

CSS:

- CSS Fundamentals
- CSS Animations
- CSS New Properties

- CSS Tooltips
- CSS Framework (Bootstrap)

JAVASCRIPT:

- JavaScript Fundamentals:
 - Statements, JS Syntax , Comments ,Variables ,Operators, Arithmetic , Assignment, Data Types, Functions, Objects, Events, Strings, String Methods , Numbers ,Number Methods , Arrays, Array Methods ,Array Sort ,Array Iteration ,Dates ,Date Formats, Date Get Methods ,Date Set Methods ,Math ,Random, Booleans ,Comparisons ,Conditions ,Switch ,Loop For ,Loop While ,Break ,Type Conversion , Bitwise , RegExp , Errors, Scope , Hoisting ,Strict Mode ,this keyword ,Let , Const ,Debugging ,Style.
- Variable Naming Rules and JavaScript Data Types(With Example)
- Expressions and Operators
- Flow Control
- Defining Functions and Methods
- Constructors and Inheritance
- Pattern Matching with Regular Expressions
- Managing Web Page Styles using JavaScript and CSS
- Handling Web Page Events

Angular Framework:

Introduction:

- What is Angular? Why Angular?
- Features of Angular
- Required software/tools
- Initial setup
- Creating basic Angular application
- Angular application flow

Components in Angular:

- Creating component using Angular CLI
- Using component selectors
- Lifecycle hooks
- OnInit, OnDestroy , etc as per requirement
- Component interaction
- Parent & child interaction

Data & Event Handling:

- String Interpolation
- Property Binding
- Class Binding
- Style Binding
- Event Binding
- Event Filtering
- Template Variable
- Two-Way Data Binding
- One-Way Vs Two-Way Data Binding

Pipes :

- What are pipes?
- Inbuilt pipes

- Custom pipes

Directives:

- What is Angular Directive?
- NgFor Directive
- Fetch Object Array
- Angular Change Detection
- Usage of Array Index
- NgIf Directive
- NgTemplate Directive
- NgSwitchCase Directive
- NgStyle Directive
- NgClass Directive
- Structural Directive VS Attribute Directives

Template Driven Forms:

- Form Validation
- Styling Invalid Inputs
- Form Validation Types
- Validating Email Input Field
- Validating Text Area
- Styling All invalid input fields Validation Error
- Form Submission
- Disable Submit Button

Reactive Forms:

- Reactive Form Setup
- Creating Reactive Form Controls Programmatically
- Reactive Form Basic Validations
- Reactive Form Adding Multiple Validations
- Reactive Form Submit and Getting Form Values
- Nested Form Groups
- Reactive Form Array
- Reactive Form Builder
- Adding Custom Validations

Services:

- What is Angular Service
- Generate Angular Service Using Angular CLI
- Usage of Angular Service

Routing:

- What is Angular Routing & Navigation
- How to implement Angular Routing & Navigation
- Angular Router Outlet
- Angular Router Link
- Angular Base URL
- Angular Base Router
- Router Vs Href
- Angular RouterLinkActive
- Router Parameter Variables
- Get Router Parameters

Building & Deployment:

- Build the project using 'ng build'
- Deploy the project

BACKEND PROGRAMMING:

Node js

- Install Node.js
- Using Node.js
- How to Use the Native Node Modules
- The NPM Package Manager and Installing External Node Modules

Express js

- What is Express?
- Creating Our First Server with Express
- HTTP Requests
- Postman
- Introduction to Middlewares
- Custom Middlewares

APIs

- Introduction to APIs
- Structuring API Requests
- What is JSON?
- Making Server-Side API Requests with Axios
- API Authentication
- REST APIs

Version control

- Introduction to Version Control and Git
- Version Control Using Git and the Command Line
- GitHub and Remote Repositories
- Cloning
- Branching and Merging
- Forking and Pull Requests

Database:

MYSQL

- SQL Commands: CREATE Table and INSERT Data
- SQL Commands: SELECT, and WHERE
- Updating Single Values and Adding Columns in SQL
- SQL Commands: DELETE
- Understanding SQL Relationships

- Foreign Keys
- Joins

Why Full Stack Development:

- Full-Stack Development enables rapid project delivery
- Full-Stack Development is one of the highest paid jobs
- Full-Stack Development opens multi-faceted scope for growth

Our Institute:





Program Details:

4 Month Offline Classes

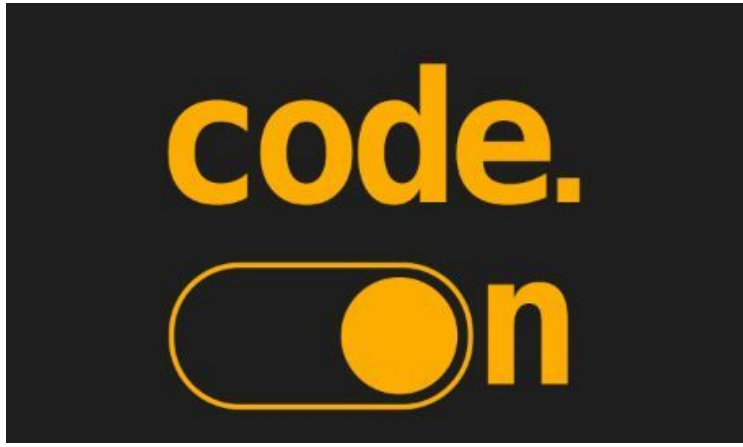
Demo class Available

Develop Full Stack Web Sites

Please contact our Manager Prakash : 809558194

Eligibility:

- Any Bachelor Degree Graduates
- Current college students who are willing to upskill in Full Stack Development
- Working professionals to upskill your career in Full Stack Development



Let's Upgrade Our Developing Journey Today....