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✓ JOB ASSURANCE
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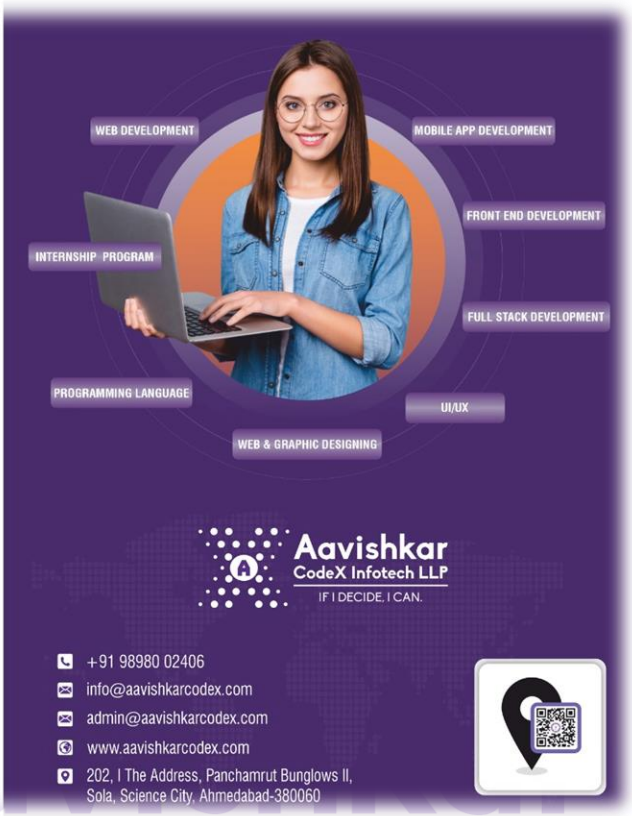
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FULL STACK DEVELOPMENT
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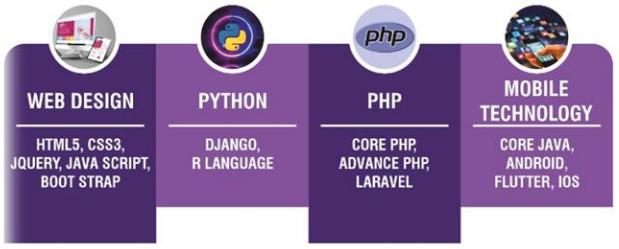
WEB DESIGN
HTML5, CSS3, JQUERY, JAVA SCRIPT, BOOT STRAP
PYTHON
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PHP
CORE PHP, ADVANCE PHP, LARAVEL
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CORE JAVA, ANDROID, FLUTTER, IOS

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CE
IT
BCA
MCA
BSC - IT
MSC - IT
Programming Language For Beginners
OUR TRAINING COURSE
C++
php
python
iOS
android
Java

DEGREE I 8th SEM I 84 DAYS
DEGREE I 7th SEM I 15 DAYS
DIPLOMA I 3rd SEM I 15 DAYS
DIPLOMA I 5th SEM I 45 DAYS
INTERNSHIP PROGRAM FOR DEGREE / DIPLOMA STUDENTS
Offer Letter & Completion Letter are Provided
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OUR COURSES
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FRONT END DEVELOPMENT
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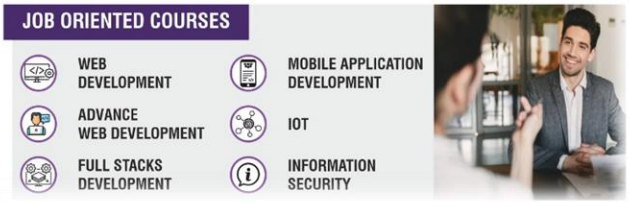
UI/UX
WEB & GRAPHIC DESIGNING
100% JOB ORIENTED COURSE WITH JOB SUPPORT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MOBILE APPLICATION DEVELOPMENT
ADVANCE WEB DEVELOPMENT
IOT
FULL STACKS DEVELOPMENT
INFORMATION SECURITY

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- ✓ Software Development
- ✓ Web Development
- ✓ Mobile Application
- ✓ UI/UX Designer
- ✓ Software Testing & QA
- ✓ Project Training

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- WEB DEVELOPMENT
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- FRONT END DEVELOPMENT
- FULL STACK DEVELOPMENT
- UI/UX
- WEB & GRAPHIC DESIGNING

INTERNSHIP PROGRAM FOR DEGREE / DIPLOMA STUDENTS

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ONLINE / OFFLINE MODE

- DEGREE | 8th SEM | 84 DAYS
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- DIPLOMA | 3rd SEM | 15 DAYS
- DIPLOMA | 5th SEM | 45 DAYS

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CE | IT | BCA | MCA | BSC - IT | MSC - IT

Programming Language For Beginners

OUR TRAINING COURSE — C++ | php | python | iOS | android | Java

ADVANTAGES

- ✓ Live Project Training
- ✓ 100% Practical Training
- ✓ Experience Certificate
- ✓ Guidance From Experienced Developers
- ✓ Placement
- ✓ Live Domain & Hosting Training

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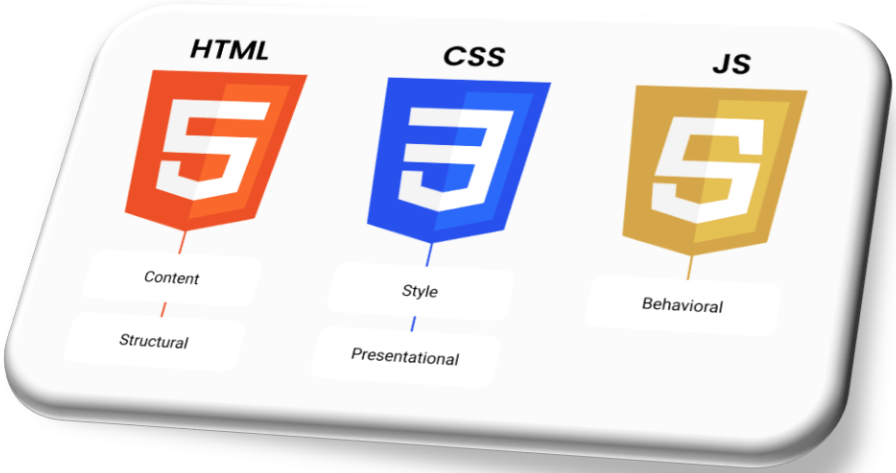
Top 10 Front-End Web Development Languages
HTML
CSS
JavaScript
Vue.js
React
ANGULAR
jQuery
TypeScript
elm
Swift


HTML
CSS
JS
Content
Structural
Style
Presentational
Behavioral

HTML Syllabus

Module 1: Introduction to HTML

1.1 Overview of Web Development

- Understanding the Internet and the World Wide Web
- Basics of client-side development
- Role of HTML in web development

1.2 Setting Up the Development Environment

- Choosing a text editor (e.g., Visual Studio Code, Atom)
- Introduction to web browsers (e.g., Chrome, Firefox)
- Familiarity with browser developer tools

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Module 2: HTML Basics

2.1 HTML Document Structure

- Anatomy of an HTML document
- HTML elements, tags, and attributes
- The Document Object Model (DOM)

2.2 Common HTML Elements

- Headings, paragraphs, and text formatting
- Lists (ordered and unordered)
- Hyperlinks and anchor tags

2.3 HTML Forms

- Form elements (input, select, textarea)
- Form validation basics
- Handling form submissions

Module 3: Multimedia in HTML

3.1 Working with Images

- Embedding images using the <img> tag
- Image attributes and best practices

3.2 Embedding Audio and Video

- Adding audio with the <audio> tag
- Embedding videos using the <video> tag
- Browser compatibility considerations

Module 4: Advanced HTML Topics

4.1 HTML Semantic Elements

- Introduction to semantic tags (e.g., <header>, <article>)
- Enhancing accessibility and SEO

4.2 HTML5 APIs

- Geolocation API
- Canvas API for drawing graphics
- Web Storage API for local storage

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CSS Syllabus

Module 1: Introduction to CSS

1.1 Basics of Styling

- Understanding the role of CSS in web development
- CSS syntax and basic rules
- Selectors and specificity

1.2 The Box Model

- Introduction to the box model (margin, padding, border)
- Box-sizing property and its implications
- Box model hacks and best practices

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Module 2: Styling Text and Fonts

2.1 Font Properties

- Overview of font properties (font-family, font-size, font-weight)
- Using Google Fonts for custom typography
- Web-safe fonts and fallback options

2.2 Text Formatting

- Formatting text with CSS (bold, italic, underline)
- Line height and letter spacing
- Text alignment and decoration

Module 3: Layout and Positioning

3.1 Display Property

- Display property and its values (block, inline, flex)

- Creating flexible layouts with Flexbox
- Introduction to Grid layout

3.2 Positioning Elements

- Position property and values (relative, absolute, fixed)
- Z-index and stacking order
- Centering elements horizontally and vertically

Module 4: Responsive Web Design

4.1 Media Queries

- Introduction to responsive design principles
- Media queries and breakpoints
- Mobile-first design approach

4.2 Mobile-Friendly Practices

- Viewport meta tag
- CSS frameworks for responsiveness (e.g., Bootstrap)
- Testing and debugging responsive layouts

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Module 5: CSS Transitions and Animations

5.1 CSS Transitions

- Understanding transitions and easing
- Transition properties (e.g., transition-duration, transition-property)

5.2 CSS Animations

- Keyframes and animation properties
- Creating simple animations with CSS
- Best practices for smooth animations

Module 6: Advanced CSS Topics (Optional)

6.1 CSS Preprocessors

- Introduction to CSS preprocessors (e.g., Sass, Less)
- Variables, mixins, and nesting in preprocessors

6.2 CSS Frameworks

- Overview of popular CSS frameworks (e.g., Bootstrap, Tailwind CSS)
- Customizing and extending frameworks

JavaScript Syllabus

Module 1: Introduction to JavaScript

1.1 Basics of JavaScript

- Overview of JavaScript and its role in web development
- JavaScript syntax and basic rules
- Variables, data types, and operators

1.2 Control Flow

- Conditional statements (if, else, switch)
- Loops (for, while, do-while)
- Error handling with try...catch

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Module 2: Functions and Objects

2.1 Functions in JavaScript

- Declaring and calling functions
- Function parameters and return values
- Scope and closures

2.2 Working with Objects

- Creating and manipulating objects
- Object-oriented programming basics
- Prototypes and inheritance

Module 3: DOM Manipulation

3.1 Introduction to the DOM

- Document Object Model (DOM) overview

- Selecting and modifying HTML elements
- Event handling and delegation

3.2 Advanced DOM Concepts

- DOM traversal and manipulation techniques
- Dynamic HTML updates with JavaScript

Module 4: Asynchronous JavaScript

4.1 Callbacks and Promises

- Understanding callbacks
- Introduction to Promises and chaining
- Error handling with Promises

4.2 Async/Await

- Simplifying asynchronous code with async/await
- Handling multiple asynchronous operations
- Error handling in async functions

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Module 5: ES6 and Modern JavaScript

5.1 ES6 Features

- Arrow functions and template literals
- Destructuring assignments
- Let, const, and block-scoped variables

5.2 Modules in JavaScript

- Organizing code with modules
- Import and export statements
- Benefits of modular JavaScript

Bootstrap Syllabus

Module 1: Introduction to Bootstrap

1.1 Understanding Front-End Frameworks

- Overview of front-end frameworks
- Introduction to Bootstrap and its benefits
- Integration of Bootstrap in web development projects

1.2 Setting Up Bootstrap

- Downloading and linking Bootstrap in HTML
- Exploring the Bootstrap documentation
- Using Bootstrap Starter Template

Module 2: Bootstrap Grid System

2.1 Introduction to the Grid System

- Understanding the Bootstrap grid layout
- Columns, rows, and containers
- Responsive design with the grid system

2.2 Grid Components

- Utilizing grid classes for different screen sizes
- Nesting rows and columns
- Offset and order classes for advanced layouts

Module 3: Bootstrap Components

3.1 Typography and Utilities

- Styling text with Bootstrap classes
- Utilizing utility classes for quick styling
- Customizing typography with Bootstrap

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3.2 Buttons and Forms

- Styling buttons using Bootstrap classes
- Creating responsive forms with Bootstrap
- Validation and feedback classes for forms

Module 4: Navigation and Navbar

4.1 Building Navigation Bars

- Creating responsive navigation bars
- Navbar components and customization
- Collapsible and mobile-friendly navigation

4.2 Navigation Elements

- Utilizing navigation components (e.g., navs, tabs, pills)
- Adding dropdown menus to navigation

Module 5: Bootstrap Modals and Alerts

5.1 Modal Windows

- Introduction to Bootstrap modals
- Creating and styling modal windows
- Triggers and dynamic content in modals

5.2 Alerts and Notifications

- Implementing alerts with Bootstrap
- Customizing alert styles and behaviors
- Adding dismissible alerts for user interaction

*******NOTE*******

This syllabus is crafted to cover essential HTML CSS, JS, Bootstrap concepts in alignment with industry standards.

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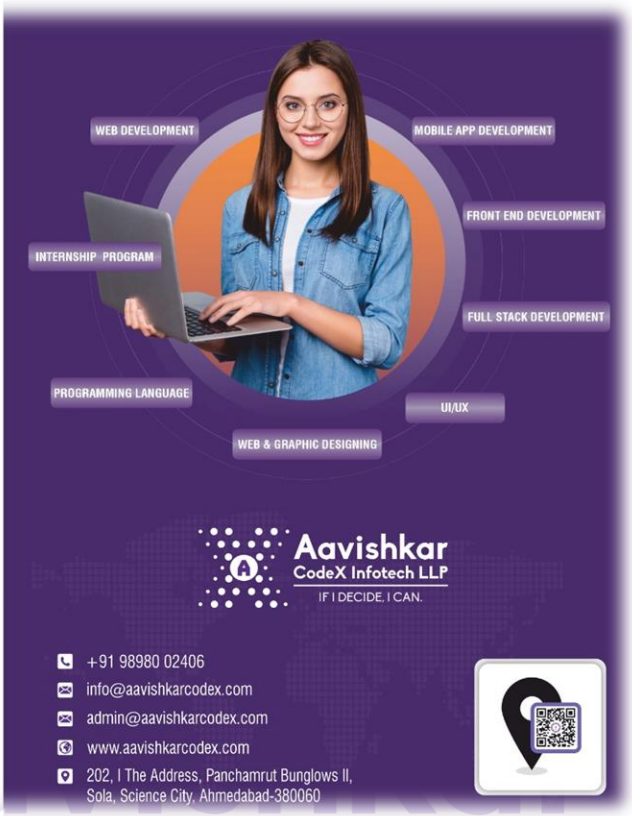
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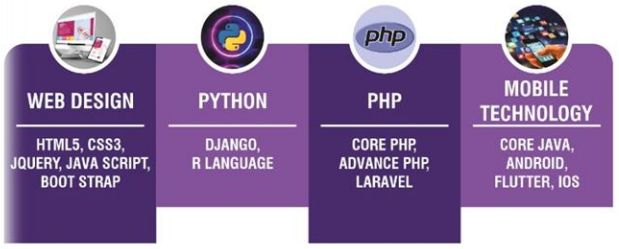
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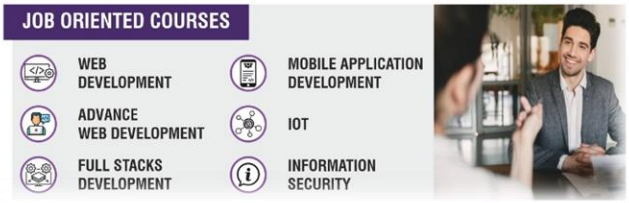
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