

**WEB-DEVELOPMENT – FULL STACK WEB-DEVELOPMENT (HTML ,CSS ,JS,BOOTSTRAP,SQL)**

**CURRICULUM**

HTML

DAY	TOPICS
1	<ul style="list-style-type: none"><li>• Intro to the course (HTML, CSS, JS, Bootstrap, SQL).</li><li>• Installation of Vs Code</li></ul>
	<ul style="list-style-type: none"><li>• Basic structure of a website</li><li>• Title, Script , Link &amp; meta tags</li></ul>
	<ul style="list-style-type: none"><li>• Headings &amp; paragraphs</li><li>• Img and Anchor tags</li></ul>
2	<ul style="list-style-type: none"><li>• Lists &amp; Tables</li><li>• Inline and Block Elements</li></ul>
	<ul style="list-style-type: none"><li>• Form &amp; Input Tags</li><li>• Some important Tags</li></ul>
	<ul style="list-style-type: none"><li>• Ids and classes</li><li>• Entities</li></ul>
3	<ul style="list-style-type: none"><li>• Semantic tags</li><li>• Difference between span, div and section</li></ul>

CSS

DAYS	TOPICS
	<ul style="list-style-type: none"><li>• Intro to CSS</li><li>• Internal &amp; External CSS</li></ul>
	<ul style="list-style-type: none"><li>• Selectors</li><li>• Fonts</li></ul>
4	<ul style="list-style-type: none"><li>• Colors in CSS</li><li>• Borders and Background</li></ul>
	<ul style="list-style-type: none"><li>• Box Model</li><li>• Margin &amp; Padding</li></ul>
	<ul style="list-style-type: none"><li>• Float &amp; Clear</li><li>• Styling Links</li></ul>
5	<ul style="list-style-type: none"><li>• Buttons</li><li>• Creating a navigation menu</li></ul>

	<ul style="list-style-type: none"> <li>• CSS display properties</li> <li>• Positions in CSS</li> </ul>
	<ul style="list-style-type: none"> <li>• Visibility in CSS</li> <li>• Z index</li> <li>• Using chrome developer tools</li> </ul>
<b>6</b>	<ul style="list-style-type: none"> <li>• Flexbox</li> </ul>
	<ul style="list-style-type: none"> <li>• Em, rem, vh and vw units</li> <li>• Responsive design</li> </ul>
	<ul style="list-style-type: none"> <li>• Queries</li> <li>• Attribute &amp; nth child pseudo selectors</li> </ul>
<b>7</b>	<ul style="list-style-type: none"> <li>• Before &amp; After pseudo selectors</li> <li>• Box and Text Shadow</li> </ul>
	<ul style="list-style-type: none"> <li>• Variables &amp; Custom Properties</li> <li>• Transitions</li> </ul>
<b>8</b>	<ul style="list-style-type: none"> <li>• Animations &amp; Keyframes</li> <li>• Transform property</li> <li>• Intro to basic grid</li> <li>• Rows and Gaps in grid</li> <li>• Spanning multiple rows and columns in grid</li> </ul>
	<ul style="list-style-type: none"> <li>• Autofit and MinMax</li> <li>• Creating layouts using grid template area</li> </ul>
<b>9</b>	<ul style="list-style-type: none"> <li>• Using Media Queries with CSS grid</li> </ul>

## SQL

DAYS	TOPIC
	<ul style="list-style-type: none"> <li>• Intro to SQL</li> <li>• Installation of MySQL</li> </ul>
	<ul style="list-style-type: none"> <li>• Keys and Tables</li> </ul>
<b>10</b>	<ul style="list-style-type: none"> <li>• DCL and DQL</li> </ul>
	<ul style="list-style-type: none"> <li>• DML and TCL</li> </ul>

	<ul style="list-style-type: none"> <li>• DCL</li> <li>• Retrieving data with filters</li> </ul>
<b>11</b>	<ul style="list-style-type: none"> <li>• Nested Queries</li> </ul>

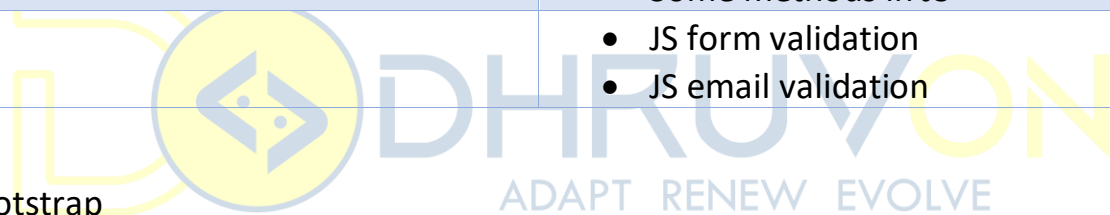
## JAVASCRIPT

DAYS	TOPICS
	<ul style="list-style-type: none"> <li>• Intro to Javascript</li> <li>• Basic structure of a js program</li> </ul>
	<ul style="list-style-type: none"> <li>• Extensions</li> <li>• Console logs</li> <li>• Errors and warnings</li> </ul>
<b>12</b>	<ul style="list-style-type: none"> <li>• Variables : let, const&amp;var</li> <li>• Data types: primitive &amp; reference</li> </ul>
	<ul style="list-style-type: none"> <li>• Operators</li> <li>• Type conversion and coercion</li> </ul>
	<ul style="list-style-type: none"> <li>• String: method , properties &amp; template literals</li> <li>• If else</li> <li>• Nested If else</li> </ul>
<b>13</b>	<ul style="list-style-type: none"> <li>• For loop</li> <li>• While</li> <li>• Do while</li> </ul>
	<ul style="list-style-type: none"> <li>• Switch case</li> <li>• Nested loops</li> </ul>
	<ul style="list-style-type: none"> <li>• Functions</li> <li>• Function Object</li> </ul>
<b>14</b>	<ul style="list-style-type: none"> <li>• Arrow Functions</li> <li>• Callback functions</li> </ul>
	<ul style="list-style-type: none"> <li>• Arrays</li> </ul>
	<ul style="list-style-type: none"> <li>• Arrays</li> <li>• Manipulating website using js window object</li> </ul>
<b>15</b>	<ul style="list-style-type: none"> <li>• Browser Objects</li> <li>• 1) Window Object</li> <li>• 2) History Object</li> </ul>

	<ul style="list-style-type: none"> <li>• 3) Navigator Object</li> <li>• 4) Screen Object open link</li> </ul>
	<ul style="list-style-type: none"> <li>• Date time Object</li> <li>• Math Object</li> </ul>
	<ul style="list-style-type: none"> <li>• JS DOM</li> <li>• Creating a website layout</li> <li>• getElementById</li> <li>• GetElementsByClassName()</li> </ul>
<b>16</b>	<ul style="list-style-type: none"> <li>• getElementsByTagName</li> <li>• getElementsByName</li> </ul>
	<ul style="list-style-type: none"> <li>• JS innerHTML property</li> <li>• JS innerText property</li> <li>• HTML selector in js</li> </ul>
	<ul style="list-style-type: none"> <li>• Child, Parent &amp; traversing the DOM</li> </ul>
<b>17</b>	<ul style="list-style-type: none"> <li>• Creating, Removing and Replacing elements</li> </ul>
	<ul style="list-style-type: none"> <li>• JavaScript Events</li> <li>• JavaScript addEventListener()</li> <li>• JS onclick event</li> </ul>
	<ul style="list-style-type: none"> <li>• JS dblclick event</li> <li>• JS onload event</li> <li>• JS onresize event</li> </ul>
<b>18</b>	<ul style="list-style-type: none"> <li>• Local and session storage in JS</li> <li>• Iterators in JS</li> </ul>
	<ul style="list-style-type: none"> <li>• RegEx</li> </ul>
	<ul style="list-style-type: none"> <li>• Intro to OOPs</li> <li>• Object literals</li> <li>• Constructor</li> </ul>
<b>19</b>	<ul style="list-style-type: none"> <li>• Static method</li> <li>• Prototype</li> <li>• Global and Local variable</li> </ul>
	<ul style="list-style-type: none"> <li>• Abstraction</li> <li>• Encapsulation</li> </ul>
	<ul style="list-style-type: none"> <li>• Inheritance</li> </ul>
<b>20</b>	<ul style="list-style-type: none"> <li>• Inheritance</li> </ul>
	<ul style="list-style-type: none"> <li>• Polymorphism</li> </ul>

	<ul style="list-style-type: none"> <li>• Polymorphism</li> </ul>
<b>21</b>	<ul style="list-style-type: none"> <li>• Fetch Api</li> <li>• Async/Await</li> </ul>
	<ul style="list-style-type: none"> <li>• Error Handling</li> </ul>
	<ul style="list-style-type: none"> <li>• Error Handling</li> </ul>
<b>22</b>	<ul style="list-style-type: none"> <li>• Ajax</li> </ul>
	<ul style="list-style-type: none"> <li>• Ajax</li> <li>• JS Symbols</li> </ul>
	<ul style="list-style-type: none"> <li>• Maps in JS</li> <li>• Sets in JS</li> </ul>
<b>23</b>	<ul style="list-style-type: none"> <li>• Drag &amp; Drop Elements</li> </ul>
	<ul style="list-style-type: none"> <li>• JS Cookies</li> <li>• Cookie Attributes</li> <li>• Cookie with multiple Name</li> <li>• Deleting Cookies</li> </ul>
	<ul style="list-style-type: none"> <li>• Some methods in JS</li> </ul>
<b>24</b>	<ul style="list-style-type: none"> <li>• Some methods in JS</li> </ul>
	<ul style="list-style-type: none"> <li>• JS form validation</li> <li>• JS email validation</li> </ul>

Bootstrap



DAYS	TOPICS
	<ul style="list-style-type: none"> <li>• Intro to Bootstrap</li> <li>• Starter template</li> <li>• Container</li> </ul>
	<ul style="list-style-type: none"> <li>• Components</li> </ul>
	Simple <ul style="list-style-type: none"> <li>• Bootstrap Jumbotron</li> <li>• Bootstrap Button</li> <li>• Bootstrap Grid</li> <li>• Bootstrap Table</li> <li>• Bootstrap Form</li> <li>• Bootstrap Alert</li> <li>• Bootstrap Wells</li> <li>• Bootstrap Badge &amp; Label</li> <li>• Bootstrap Panels</li> <li>• Bootstrap Pagination</li> </ul>

	<ul style="list-style-type: none"> <li>• Bootstrap Pager</li> <li>• Bootstrap Image</li> <li>• Bootstrap Glyphicon</li> <li>• Bootstrap Carousel</li> <li>• Bootstrap Progress Bar</li> <li>• Bootstrap List Group</li> <li>• Bootstrap Dropdown</li> <li>• Bootstrap Collapse</li> </ul>
 <p>DHRUVON ADAPT RENEW EVOLVE</p>	<p>Advance</p> <ul style="list-style-type: none"> <li>• Bootstrap Border</li> <li>• Bootstrap Clearfix</li> <li>• Bootstrap Close Icons</li> <li>• Bootstrap Colors</li> <li>• Bootstrap Flexbox</li> <li>• Display property</li> <li>• Image Replacement</li> <li>• Invisible Content</li> <li>• Bootstrap Position</li> <li>• Responsive helpers</li> <li>• Screen readers</li> <li>• Bootstrap Sizing</li> <li>• Bootstrap Spacing</li> <li>• Bootstrap Typography</li> <li>• Bootstrap CDN</li> <li>• Bootstrap Spinners</li> <li>• Bootstrap star rating</li> <li>• Bootstrap Tooltip</li> <li>• Bootstrap Alternatives</li> <li>• Bootstrap picker</li> </ul>

Website using bootstrap:

- Adding NavBar to Website
- Adding Breadcrumb component in Website
- Alerts Component in Bootstrap
- Badge Component
- Buttons in Bootstrap
- Button group in Bootstrap
- Cards in Bootstrap

- Carousels in Bootstrap
- Grid System in Bootstrap
- Adding Navigation bar to Website
- Adding Carousel to Website
- Adding Custom Components to Website
- Adding Footer in website
- Adding Modals (Login & Signup) to Website
- Hosting for Website

SEO of Website

