**FRONT END DEVELOPMENT BOOTCAMP**

**(EHSAS LAB)**

**Front End development fundamentals**

* Understating how website work and how html CSS and JavaScript contribute
* Understanding how internet work
* Learn and understand Git ,Github and version controls
* Learn key troubleshooting and debugging skills to apply to your project

**HTML5**

**Getting starting with HTML 5**

* Learn the anatomy of html syntax to structure your web sites
* HTML doctype
* How to structure text in html
* How to insert images using html
* Text formatting
* Style attribute
* HTML Comment
* HTML entities
* HTML symbols
* HTML Emojis

**List in html**

* How to structure html list to create unordered and ordered list
* How to structure list of lists in html
* Definition list

**Hyper links**

* How to structure hyper links
* Click able image
* Path relative and absolute
* The target Attribute
* ID
* Class
* HTML computer code elements

**Table in HTML**

* Understand how use table for content
* Semantic element in html
* How use table for layout

**Forms in HTML**

* Understand about html forms
* How to create login and registration pages using form in html
* Form method and action
* Check box radio and buttons
* Form validation

**Extra Topic**

* HTML Media
* HTML style Guide
* Google fonts
* Font awesome
* Owl carousel slickJS
* TypedJS
* Map

**CSS3 & BOOTSTRAP**

**Basic Part:**

**Diving Into the Basics of CSS**

1. How to add css to HTML
2. Setting up css Rules
3. Selectors, properties and rules

* Element
* Classes
* Id
* Universal
* Attribute

**Diving Deeper into CSS**

1. Introducing the CSS Box Model

* margins
* Padding
* Borders
* content

1. Height and width and overflow
2. The display property
3. Pseudo class and elements
4. Grouping Rules

**More on Selectors & CSS Features**

1. More about css classes
2. !important Rule
3. More on pseudo class and Element
4. :not() selector in css

**Positioning Elements with CSS**

1. Understanding Positioning
2. Fixed navigation bar with “fixed”
3. Positioning Element with z-index
4. Using absolute and relative stand alone and combined
5. Sticky Positioning

**Intermediate Part**

**Understanding Background Images & Images**

1. Understanding the background property

* Background color

1. Images and background images

* Background color
* Background image
* Background repeat
* Background-attachment
* Background-position

1. Gradient
2. Filters
3. Clip-path

**Sizes & Units**

1. which units can we use
2. “%” and containing block
3. Min-width and max-width
4. Understanding rem vs. em
5. Working with “vw” and “vh”

**Working with JavaScript & CSS**

1. Manipulating style via JavaScript
2. Adding and removing Css classes via JavaScript

**Making our Website Responsive**

1. Hardware vs software pixels
2. The “viewport” meta tag in html
3. Media query with @media

**Adding & Styling Forms**

1. Styling inputs and buttons
2. Validation feedback styles

**Working with Text and Fonts**

1. Generic and Font families
2. Using and importing font families
3. Font property
4. Font shorthand

**Advance Part**

**Transforming Elements with CSS Transforms**

1. Rotating ,moving skewing and scaling element
2. 3D transformation

**Transitions & Animations in CSS**

1. Transition
2. Animations

**Natours project \_\_setup and first step(part 1)**

**Introducing Sass (Syntactically Awesome Style Sheets)**

**Natours project \_using advance css and sass (part 2)**

**Natours project \_\_advance responsive design (part 3)**

**Adding Flex box to our Project**

1. Flex container
2. Main axis vs cross axis
3. The flex item

**Trillo project**

**CSS Grid**

1. Grid property in css
2. Grid vs flex box

**Nexter project**

**Getting stating with CSS frameworks**

**Getting starting Bootstrap Official Documentation**

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| --- | --- |
| 1. **Layout**  * Break points * Containers * Grid * Columns * Gutter * Z-index * CSS grid  1. **Content**  * Typography * Images * Tables * figures  1. **Forms**  * Form control * Select * Checks and radio * Input group * Floating label and layouts * Validation  1. **Utilities**  * Background * Borders * Colors * Display * Flex * Float * Interactions * Opacity * Overflow * Position * Shadows * Sizing * Spacing * Text * Vertical align * Visibility | 1. **Component**  * accordion * Alert * Badge * Breadcrumb * Buttons * Buttons group * Card * Carousel * Close button * Collapse * Dropdown * List group * Model * Nav and tabs * Nav bar * Offcanvas * Paginations * Popover * Progress * Scroll spy * Spinner * Toasts * Tooltips  1. **Extend**  * Icons |

**Bootstrap Projects**

Project 1: Portfolio

Project 2: Looplab

Project 3: Mizuxe

Project 4: Glozzom

Project 5: Blogen

**Project Customization**

**Tools Tips and tricks  
Deployment**

**JavaScript**

Coming SOON