**FRONTEND TRAINING  
  
DAY 1**  
  
**Design** **Basics**  
  
- Photoshop / Illustrator / Sketch / GIMP Basics & Design Tools  
- Bitmap, Pixels, Vector, SVG, RGB, CMYK, Color Theory, Color Patterns  
- Slicing, Cropping, Working with Layers   
- File Formats & Image Optimization  
- Saving Optimized Images for Web  
  
**DAY 2  
  
HTML (Hypertext Markup Language, Frontend)**  
  
- HTML5 Introduction / UI vs UX  
- HTML5 Document Structure (Creating Document, Styles & Scripts Hierarchy, Files/Folders, Standards and Rules)  
- Meta Tags (http-equiv, viewport, responsiveness)  
- Assets (Images, Fonts, JS, CSS) Linking  
- HTML Tags (section, header, footer, nav, img, a, div, p, span, I and difference between their placement and why choose over other)  
- Classes & IDs (Difference, Usage, Naming Conventions)  
- Good Coding Practices  
- Text Editor Tools (Sublime Text)  
- Website Responsive Testing Tools (Chrome Extension, Chrome Tool, Firefox Web Inspector)

**DAY 3**  
  
**CSS Styles / Style Sheets** **/ CSS3**  
  
- Classes, IDs, CSS & CSS Good Practices  
- Generic CSS & CSS Frameworks (Bootstrap)  
- Smooth Scroll for Devices  
- Smooth Hover Effects  
- Clearing Outlines  
- <BR> vs Clear Classes / Clearing Floats  
- Float / Position (Relative, Absolute, Fixed, Static) & Difference  
- Margin, Padding / Left, Right, Top, Bottom Difference  
- Align Right/Left vs Float Right/Left  
- Media Queries (Responsiveness, Media Queries Types & Usage)  
- Pseudo Elements (:before / :after)  
- Blocks and Inline-Blocks  
- Handling Content Overflows and Additional Scrolls for Content  
- Handling Background Images / Full Screen Responsive Backgrounds  
- Cross Browser or Browser Specific CSS (Placeholder Example)

**DAY 4**

**Font Awesome (Web Icons) & Web Safe Fonts / Google Fonts**  
  
- Introduction and Use   
- Font Awesome 4 VS Font Awesome 5 / Different Implementation for regular CSS and in Pseudo Element  
  
**Twitter Bootstrap (CSS/JS)**

- Introduction / Requirements / Implementation / Version Difference  
- Sticky & Responsive Header and Footer  
- Container vs Container Fluid vs Full Screen Container  
- Grid System Basics & Implementation (Row / Columns)  
- Following Bootstrap While Working on HTML  
- Important Classes and Following Standards  
- JavaScript Components of Bootstrap (Modal, Accordion, Menu)  
- Responsiveness (Containers / Tables / NAV Bar)  
- Forms in Bootstrap  
- CSS Components (Button Groups, Dropdowns, NAVs)

**DAY 5**

**JavaScript / jQuery**  
  
- Libraries, Frameworks  
- Difference between jQuery, AngularJS and Dependencies  
- jQuery Syntax & Basic Usage (Show/Hide, Add/Remove Classes), Use Cases  
- jQuery Document Ready / Window Load / Prevent Default  
- jQuery Plugins (Sliders / Owl Carousel, Flex Slider)

**DAY 6**

**WordPress**  
  
- Introduction, Dependencies  
- WAMP/XAMPP, WordPress Project Setup  
- Plugins & Themes, Introduction & basic Customization  
- Recommended Plugins and Theme

**Reference Links**  
  
<https://www.gimp.org>  
<https://www.sketchapp.com>  
<https://color.adobe.com/explore/?filter=most-used&time=month>  
  
<https://www.w3schools.com/html/default.asp>  
<https://www.sublimetext.com>  
<https://chrome.google.com/webstore/detail/window-resizer/kkelicaakdanhinjdeammmilcgefonfh?hl=en>  
  
<https://www.w3schools.com/css/default.asp>  
  
<https://fontawesome.com>  
<https://fonts.google.com>  
  
<https://getbootstrap.com>  
<https://www.w3schools.com/bootstrap/default.asp>  
  
<https://jquery.com>  
<https://www.w3schools.com/jquery/default.asp>  
  
<https://owlcarousel2.github.io/OwlCarousel2/>  
<http://flexslider.woothemes.com>

<https://wordpress.org>  
<https://www.apachefriends.org/index.html>