



## WEB Designing

This course will introduce you to the realm of web design. The first and necessary step for that goal is to understand how HTML works, and then we will proceed to more advanced and complicated structures and concepts of web design, such as CSS and layout control. A series of tasks (website evaluation, website development, reflective report, collaborative website development, website self-assessment), as well as several group activities (discussions, online resource sharing, collaborative work) will help you gain practical experience on web development and a thorough understanding of web design issues.

## Course learning outcomes

You'll learn tools to create international standard websites by your own. So this course will help you in taking big leap in your prospective career .

- You will discover how does web works really, what makes web sites work.
- Simple and impressive design techniques, from basics till advanced to focus on goal oriented and user centric designs.
- How to and where to start research, planning for website & actually build excellent web sites.
- Pro level skills in SEO with keyword research and content strategy for your website.
- To create web elements like buttons, banners & Bars and of course complete UI designs.
- Forms and validations for your website.
- Setting up page layout, color schemes, contract, typography in the designs.
- Writing valid and concise code for webpages.
- Best use of social media for revenue generation.
- Setting up a perfect landing page for business, clients and yourself.

**Once you are perfect with the basics of the development we will train you to develop website on various web applications like**

- Wordpress
- E-commerce
- Woo commerce

## Teaching Methods

The course will combine guided core reading, a series of short individual tasks, synchronous and asynchronous discussions, group working, resource sharing and hands-on experience on website development. Tutor support will be provided throughout the course.

## Resource requirements

You will be required to have regular access to a computer connected to the internet; broadband is recommended but not essential. All essential core reading will be provided online to be downloaded.

## Web Developer will be assigned with various job titles :

### #Web Designer

If "designer" is in the title, the job is designing. Literally deciding and implementing how websites look and work. "Web" is in the title because the job is specifically focused on the web. Specific skills would be design-tools-of-choice, HTML, CSS, and light JavaScript.

If the job is also designing for print, apps, signage, products, clothing, etc., the title would be widened to Designer.

### #Front End Developer

This job is focused on HTML, CSS, JavaScript, and light backend work. Not design. The lack of "designer" in the title is intentional. Because the job doesn't require design, deeper skill in the other technologies is implied. You likely have a grasp on some concepts beyond the core technologies, for instance regression testing or performance.

A synonym might be Front End Engineer. I tend to think of that as a requiring a deeper and more specific skillset, possibly with more narrow focus or at a higher level.

Technology specific job titles may be also be appropriate here, like "JavaScript Developer" or "JavaScript Engineer" for a job where that is primarily what needs to be done. Although, none of the front end technologies live in a bubble so I generally prefer Front End Developer.

### #UI Designer

This job is more about designing and less about implementation. Really good at design-tools-of-choice with perhaps only light HTML and CSS skill. A synonym might be a Visual Designer.

## **#UX Designer**

A specific focus on studying and researching how people use a site. Then ushering changes for the better through the system and testing the results. May not have or need any design or implementation skill. All jobs should care about user experience, but this job lives it.

## **#Interaction Designer**

Primarily design, just like a UI Designer, but with specific focus on how things are used and movement.

## **#Art Director**

The job is quality control, leadership of other designers, and client communication. A synonym could be Design Director.

## **#Web Developer**

This job is focused on back end work and working with languages specific to the web, like PHP, ASP, Ruby, Python, etc. Medium skill in database/server work, medium skill in JavaScript, light skill in HTML. This is very different from a Front End Developer as there is little working with the design and heavier on programming concepts and concerns, like security and structure.

Synonyms could be Web Programmer or Web Application Developer.

## **#Full Stack Developer**

This job is a combination of front and back end work. Seriously though, not mostly one and a little of the other. Good crossover people are needed at organizations and this is a high end job.

## **#Content Strategist**

Rather than working directly on implementation, this job is about the structural design of websites. Things like the taxonomies, metadata, scheduling, and analysis of content. A synonym might be Information Architect. They might work with people who work with content in a more general way like a Writer, Copywriter, or Editor.

## **#IT Technician**

This job works with the actual computers and tech equipment. A hardware person.

## #Dev Ops

The job bridges the gap between IT and Developers. They handle things like server software, version control, deployment, build processes, and testing servers/processes. I wish this had a more job-title-y feeling to it. As it stands it sounds like what you would call the whole team of people with this job.

## #Product Manager

This job is about guiding the site as a whole (or a major feature of the site) toward a better future. Largely dealing with people and planning. A Project Manager would be similar but smaller in scope and possibly a temporary role rather than full job title.

## #SEO Specialist

This is a big enough sub industry that it can be its own job.

## Remuneration

A fresher may work as an intern for a couple of months and can start with a minimum of Rs 2.5 lakh per annum. With one year of experience, one can expect upto Rs 4.5 lakh per annum.

### **Ethical Hacking Workshop Overview / Catalogue**

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