Website Case Study: 99designs

Website URL: https://99designs.com/

99designs is a platform where users can create logos, websites, and graphic designs for brands and startups. From a website developer's perspective, the layout of the homepage looks professional, but some category sections are not clearly defined. The alignment of content is mostly good, but better spacing between categories would improve clarity and help users understand different services   easily.

The color combinations used on the website are attractive and suitable for a design platform. The colors create a creative and professional feel. However, some buttons are not clearly visible as buttons. A developer would recommend improving button design by using stronger contrast, borders, or hover effects so users can easily identify clickable elements. Fonts are readable, but consistency in button labels and headings could improve usability.

In terms of visuals, the website uses high-quality design samples, which is a strong point. Animations are minimal and smooth, which keeps the website fast. Adding subtle hover animations on category cards and buttons would improve user interaction without affecting performance.

The website is responsive and works well on different devices, but clearer visual cues for actions like selecting categories or starting a design would improve user experience. Performance and loading speed are good due to optimized images and simple animations.

Overall, from a developer's viewpoint, 99designs is visually appealing and functional, but improvements in button visibility, spacing, and interaction design would make it more user-friendly and intuitive.

Technologies used:

- **Frontend:** HTML5, CSS3, JavaScript, React.js
- **Backend:** Node.js
- **Database:** MySQL / MongoDB
- **Hosting:** Cloud-based (AWS)
- **Security:** HTTPS, secure authentication

Website Case Study: HCL GUVI

Website URL: https://www.guvi.in/

HCL GUVI is an online learning platform that provides coding and skill development courses for students. From a developer's perspective, the homepage contains a lot of information displayed at once, which makes the UI look crowded. Better alignment and spacing between sections would help reduce confusion and improve readability.

The color scheme is decent, but the combination of many elements on a single page makes the interface look massy. A developer would suggest simplifying the layout and highlighting important sections like courses, login, and chatbot using proper spacing and visual hierarchy. Fonts are readable but inconsistent sizes in headings and content affect the overall design balance.
A positive feature of the website is its chatbot, which helps users resolve queries quickly. This improves user support and engagement. However, the chatbot icon and placement could be more visually distinct so users can easily notice it.

The website is responsive, but on smaller screens the content feels compressed. Performance is acceptable, but reducing unnecessary elements and optimizing layout would improve speed and user   experience.

Overall, from a developer's point of view, GUVI is useful and feature-rich but needs improvement in UI design, spacing, and layout simplicity to enhance usability.

Technologies used:

- **Frontend:** HTML5, CSS3, JavaScript, React.js
- **Backend:** Node.js / Python
- **Database:** MongoDB
- **Hosting:** Cloud-based (AWS / Azure)
- **Security:** HTTPS, login authentication

Website Case Study: Maharashtra State Board

Website URL: https://mahahsscboard.in/en

The Maharashtra State Board website is a government portal used to declare 10th and 12th board examination results. From a developer's perspective, the website focuses more on functionality than design. The layout is simple, but the alignment and spacing are not well maintained, making the interface look outdated.

The color scheme is basic and functional, but it lacks visual appeal. Fonts are readable, but the continuously moving header distracts users and affects user experience. A developer would recommend removing unnecessary animations and improving content structure for better clarity.

The website does not use high-quality visuals, which is acceptable for a government portal, but better alignment and spacing would improve usability. The website often crashes during result announcements due to heavy traffic. From a development viewpoint, better server handling, load balancing, and performance optimization are required.

The website works on mobile devices, but responsiveness is limited and could be improved. Forms and result pages are simple and do not collect extra data, which is good for privacy.
Overall, from a developer's viewpoint, the website serves its purpose well but needs major improvements in UI design, performance handling, and responsiveness.

Technologies used:

- **Frontend:** HTML5, CSS3, JavaScript
- **Backend:** Java (Spring Boot)
- **Database:** MySQL
- **Hosting:** Government / NIC Cloud Infrastructure
- **Security:** HTTPS, basic authentication

Website Case Study: Tech Mahindra

Website URL: https://www.techmahindra.com9

Tech Mahindra is an IT company website that provides information about its services, solutions, and business offerings. From a developer's perspective, the website has a clean and professional layout. Alignment and spacing of sections are well maintained, which helps users navigate easily. The color scheme and fonts are consistent and match the corporate branding. The UI looks modern and professional. However, the homepage contains a large video banner, which increases loading time. A developer would suggest optimizing or replacing it with a static image for better performance.

Visual content is high quality, and animations are smooth and minimal. Hover effects and transitions enhance interactivity without slowing down the website. The website is fully responsive and works well on different screen sizes.

Performance is generally good, but reducing heavy media content would further improve speed. Forms are simple and collect only required information, which is good for user privacy.
Overall, from a developer's point of view, Tech Mahindra's website is well-designed and professional, with minor improvements needed in performance optimization.

Technologies used:

- **Frontend:** HTML5, CSS3, JavaScript, React.js
- **Backend:** Java Spring Boot
- **Database:** MySQL / Oracle
- **Hosting:** Cloud-based (AWS / Azure)
- **Security:** HTTPS, secure enterprise authentication

Website Case Study: LinkedIn

Website URL: https://www.linkedin.com

LinkedIn Feed is a professional networking platform where users can view posts, learn new skills, and interact with professionals. From a developer's perspective, the homepage feed contains a large amount of content displayed at once, making the UI look crowded.

The color scheme is professional and consistent, but due to excessive content, users may feel overwhelmed. Fonts are readable, but spacing between posts and sections could be improved for better readability. A developer would suggest better content grouping and spacing.

The website includes helpful features like learning content and chatbot support for queries. However, the chatbot and learning features could be highlighted better using visual cues. Animations are minimal, which helps performance.

The website is responsive, but on mobile devices the interface feels massy due to continuous scrolling. Performance is generally good, but optimizing feed loading could improve user experience.

Overall, from a developer's viewpoint, LinkedIn Feed is powerful and feature-rich but needs UI simplification and better spacing to improve usability.

Technologies used:

- **Frontend:** HTML5, CSS3, JavaScript, React.js
- **Backend:** Node.js / Java
- **Database:** MySQL / MongoDB
- **Hosting:** Cloud-based (AWS)
- **Security:** HTTPS, secure authentication, data encryption

Website Case Study: IRCTC

Website URL: https://www.irctc.co.in/

IRCTC (Indian Railway Catering and Tourism Corporation) is the official website of Indian Railways used for online train ticket booking and related services. From a website developer's perspective, the website is highly functional and designed to handle a very large number of users. The homepage contains many features such as ticket booking, PNR status, train schedules, and tourism services. However, due to the large amount of information, the layout appears crowded. Better alignment and spacing between sections would improve readability and user experience.

The color scheme of the website is simple and functional, mainly using white and blue shades. While this makes the website readable, it does not look very modern. A developer might suggest using better visual hierarchy and accent colors for important actions like "Book Ticket" or "Search Train" to make them more noticeable. Fonts are readable, but different font sizes and styles across sections reduce consistency.

In terms of visuals, the website uses very few images, which helps in faster loading. Animations are minimal, which is good for performance, especially during peak booking times like Tatkal hours. However, small hover effects and better button styling could improve interactivity without affecting speed.

The website is responsive and works on both desktop and mobile devices, but on smaller screens some elements feel compressed and harder to tap. Improving touch-friendly spacing would enhance mobile usability. Performance is a major focus for IRCTC, but during high traffic the website may slow down or face issues. From a development viewpoint, better load balancing and server optimization are important.

Overall, from a website developer's viewpoint, IRCTC is a critical and highly useful website with strong functionality and security. However, improvements in UI design, spacing, font consistency, responsiveness, and performance during heavy traffic would make the website more user-friendly and efficient.

Technologies Used :

- **Frontend:** HTML5, CSS3, JavaScript
- **Backend:** Java Spring Boot
- **Database:** MySQL / Oracle
- **Hosting:** Government / NIC Cloud Infrastructure
- **Security:** HTTPS, OTP authentication, CAPTCHA, secure payment gateway

Website Case Study: Zomato

Website URL: https://www.zomato.com/

Zomato is an online food delivery and restaurant discovery platform that allows users to search restaurants, order food, and read reviews. From a website developer's perspective, the website is well-structured and user-friendly. The homepage is designed to guide users quickly toward key actions such as searching for restaurants, browsing menus, and placing food orders. The alignment and spacing of content are mostly well maintained, making navigation smooth and intuitive.

The color scheme of the website is attractive and energetic, mainly using red and white, which matches the food and delivery theme. Important buttons like "Order Now" and search bars are clearly highlighted. Fonts are consistent and readable across the website, which improves clarity and user experience. A developer would appreciate the clear visual hierarchy used to guide users. Security is handled well on the Zomato website. Secure login, HTTPS encryption, and safe payment gateways are used to protect user data and transaction details. Forms collect only required information, ensuring better privacy and ease of use.

Overall, from a website developer's viewpoint, Zomato is a modern, visually appealing, and highly functional website. Minor improvements in performance optimization during peak traffic and reducing excessive pop-ups could further enhance user experience.

Technologies Used

- **Frontend:** HTML5, CSS3, JavaScript, React.js
- **Backend:** Node.js / Java Spring Boot
- **Database:** MySQL / MongoDB
- **Hosting:** Cloud-based (AWS)
- **Security:** HTTPS, secure authentication, encrypted payment gateway

Sr.No	Website URL	Purpose of website	Things liked in the website	Things disliked in the website	Overall evalution of the website (Good/Bad)
1.	Logos, Web, Graphic Design & More. | 99designs	Platform to design logos, websites, and graphics for brands and startups	Good color combinations, professional look, creative designs	Category buttons are not clearly visible, users may not easily recognize buttons	Good
2.	HCL GUVI | Learn to code in your native language	Provides coding courses and skill development programs for students	Built-in chatbot helps users resolve queries, wide range of courses	UI looks too massy and crowded, navigation can be confusing	Improvement needed
3.	mahahsscboard.in/en	Government website to declare 10th and 12th Maharashtra Board results	Important and useful for students, official result source	UI looks outdated and massy, continuously moving header is distracting, website crashes during heavy traffic	Good
4.	Tech Mahindra | Scale at Speed	IT company website providing technology and digital solutions	Clean UI, professional appearance, clear company branding	Large video on homepage increases loading time	Good
5.	(6) Feed | LinkedIn	Professional networking and learning platform for skills and courses	Useful learning content, chatbot helps in resolving queries, professional network	UI looks too massy and crowded, information overload	Good

6	https://www.irctc.co.in/	Online railway ticket booking, PNR status check, catering and tourism services for Indian Railways	Official and secure platform, useful for millions of users, multiple services in one place, strong security features	UI looks crowded, website slows down during heavy traffic, navigation can be confusing for new users	Good
7	https://www.zomato.com/	Online food ordering, restaurant search, reviews, and food delivery services	Attractive UI, easy navigation, good color combination, fast search and ordering process	High image usage can slow loading, too many offers and pop-ups, some features depend on location	Good