

# Module 5 Glossary: Front-End Developer Skills and Career Paths

Term	Definition
Build Tools	Software tools that automate the process of assembling and packaging code, assets, and other resources into a deployable application.
Caching Mechanisms	Storing frequently accessed resources in memory to improve website loading speed.
Cross-Browser Compatibility	Ensuring that a website or web application works consistently across different web browsers.
Feature Detection	Testing for the presence of specific browser features before applying certain code.
Forums	Online discussion platforms where users can exchange information, ask questions, and provide answers.
Frameworks	Pre-built structures and components that streamline development tasks, such as React, Angular, and Vue.js.
GitHub	A web-based platform used for version control and collaboration on software development projects.
Hamburger Menu	A compact menu icon that expands to reveal navigation options on click.
HTTP Requests	Communication between a browser and a web server to retrieve web page resources.
Layout	Organizing elements on a web page for optimal visual and functional presentation.
Lazy Loading	Loading content, such as images or videos, only when it's needed to improve page load times.
Media Queries	CSS techniques are used to apply styles based on the device's screen size or resolution.
Prototyping	Creating a working model of a web page or application to demonstrate its functionality and interactions.
Self-paced Learning	Independently acquiring knowledge and skills at one's own pace using resources like online tutorials.
Task Runners	Tools that automate repetitive tasks in the development process, such as compiling code, optimizing assets, and running tests.
Tech Landscape	The current state of technology trends, tools, and developments.
Testing and Debugging	Process of identifying and fixing issues or bugs in the code to ensure proper functionality.
Typography	The art and technique of arranging type to make written language legible, readable, and appealing.
Vendor Prefixes	Browser-specific prefixes added to CSS properties to ensure compatibility.
Wireframing	Creating a visual representation of a web page's layout and structure before building the actual design.



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