

Parameter	Web 1.0	Web 2.0	Web 3.0	Web 4.0	Web 5.0
<b>Time Period</b>	~1990–2000	~2000–2010	~2010–2020	~2020–Present	~Future (Evolving)
<b>Content Type</b>	Static	Dynamic and user-generated	Semantic and machine-readable	Ubiquitous, interconnected, smart	Intelligent, empathetic content
<b>User Interaction</b>	One-way (read-only)	Two-way (interactive)	Personalized and intelligent responses	Multi-device, predictive, seamless	Human-like, emotional interactions
<b>Technology Used</b>	HTML, HTTP, CSS	HTML, CSS, JavaScript, PHP, AJAX	RDF, OWL, SPARQL, Blockchain, AI	IoT, AI, Augmented Reality, Big Data	Advanced AI, Neural Networks, Brain-Computer Interfaces
<b>Example Platforms</b>	Early websites (static HTML)	Facebook, YouTube, Wikipedia	Siri, WolframAlpha, Blockchain platforms	Smart homes, AR/VR systems, Amazon Alexa	Neuralink (potentially), emotionally intelligent AIs
<b>Security Concerns</b>	Minimal data security	Privacy issues, insecure APIs	Data misuse, identity theft	IoT device vulnerabilities, data integrity	Brain-hacking, AI manipulation
<b>Attacks</b>	Website defacement	SQL Injection, Cross-Site Scripting	AI bias, cryptojacking, data poisoning	IoT botnets, augmented reality spoofing	Neural or emotional hacking, advanced AI attacks