# **Web Development**

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|  | **MDN Curriculum** |
|  | **Part-1: Getting Started** |
|  | **Soft Skills** |
| 01 | Constant Learning Mindset |
|  | Open to Embracing Failure |
|  | Effective Research |
|  | Collaboration and Teamwork |
|  | Succeeding in Job Interviews |
|  | Workflows and Processes |
|  | Relevant Contextual Information |
|  | **Environment Setup** |
|  | Computer Basics |
|  | File Systems |
|  | Browsing the Web |
|  | Command Line Basics |
|  | Code Editors |
|  | **Part-2: Core** |
|  | **Web Standards** |
|  | How the Web Works |
|  | The HTML, CSS, and JavaScript Triangle |
|  | The Web Standards Model |
|  | How Browsers Load Webpages |
|  | **Semantic HTML** |
|  | Basic HTML Syntax |
|  | Good Document Structure |
|  | Lists |
|  | Advanced Text Techniques |
|  | Links |
|  | Media |
|  | Other Interactive Elements |
|  | HTML Tables |
|  | Debugging HTML |
|  | **CSS Fundamentals** |
|  | Basic CSS Syntax |
|  | Selectors |
|  | The Box Model |
|  | Handling Conflicts in CSS |
|  | Values and Units |
|  | Sizing |
|  | Backgrounds and Borders |
|  | Overflow |
|  | Styling Form Elements |
|  | Debugging CSS |
|  | **CSS Text Styling** |
|  | Text and Font Styling |
|  | Styling Lists and Links |
|  | Web Fonts |
|  | **CSS Layout** |
|  | CSS Layout Basics |
|  | Floats |
|  | Positioning |
|  | Modern Layout |
|  | Responsive Design |
|  | **JavaScript Fundamentals** |
|  | Variables |
|  | Math |
|  | Text |
|  | Arrays |
|  | Conditionals |
|  | Loops |
|  | Functions |
|  | JavaScript Object Basics |
|  | DOM Scripting |
|  | Events |
|  | Async JavaScript Basics |
|  | Network Requests with (fetch()) |
|  | Working with JSON |
|  | Libraries and Frameworks |
|  | Debugging JavaScript |
|  | **Accessibility** |
|  | Accessibility Basics |
|  | Accessible Styling |
|  | Accessible JavaScript |
|  | Assistive Technology |
|  | WAI-ARIA |
|  | **Design for Developers** |
|  | Basic Design Theory |
|  | User-Centered Design |
|  | Design Briefs |
|  | **Version Control** |
|  | **Part-3: Extensions** |
|  | **Transform and Animate CSS** |
|  | **Custom JS Objects** |
|  | **Web APIs** |
|  | Video and Audio APIs |
|  | Graphics / Animation APIs |
|  | Client-Side Storage |
|  | **Performance** |
|  | Performance Basics |
|  | Improving Page Rendering |
|  | Measuring Performance |
|  | CSS and Performance |
|  | JavaScript and Performance |
|  | **Security and Privacy** |
|  | Security and Privacy Basics |
|  | Data Protection Laws |
|  | **Testing** |
|  | General Testing Fundamentals |
|  | Functional and Compact Testing |
|  | Usability Testing |
|  | **JavaScript Frameworks** |
|  | **CSS Tooing** |
|  | CSS Frameworks |
|  | CSS Preprocessors |
|  | **Other Tooling Types** |