Resources for Front-end Development

HTML:

Visit the following resources to learn more:

- W3Schools: Learn HTML
- htmlreference.io: All HTML elements at a glance
- HTML For Beginners The Easy Way
- Web Development Basics
- Codecademy - Learn HTML
- Interactive HTML Course
- HTML Full Course for Beginners | Complete All-in-One Tutorial
- HTML Full Course - Build a Website Tutorial
- HTML Tutorial for Beginners: HTML Crash Course

CSS Basics:

Visit the following resources to learn more:

- W3Schools — Learn CSS
- web.dev — Learn CSS
- freeCodeCamp — Responsive Web Design
- Learn to Code HTML & CSS
- CSS Crash Course For Absolute Beginners
- HTML and CSS Tutorial
- CSS Masterclass - Tutorial & Course for Beginners
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Responsive Web Design:

Visit the following resources to learn more:

- Responsive Web Design
- Learn Responsive Design
- The Beginner's Guide to Responsive Web Design
- The guide to responsive web design in 2022
- 5 simple tips to making responsive layouts the easy way
- Introduction To Responsive Web Design
- Useful & Responsive Layouts, no Media Queries required

JavaScript:

Visit the following resources to learn more:

- [Visit Dedicated JavaScript Roadmap](#)
- [W3Schools – JavaScript Tutorial](#)
- [The Modern JavaScript Tutorial](#)
- [Learn JavaScript: Covered many topics](#)
- [Eloquent JavaScript textbook](#)
- [You Dont Know JS Yet (book series)](#)
- [JavaScript Crash Course for Beginners](#)
- [Build a Netflix Landing Page Clone with HTML, CSS & JS](#)
- [Build 30 Javascript projects in 30 days](#)
- [Learn the basics of JavaScript](#)
- [JavaScript for Beginners](#)

JavaScript Libraries and Frameworks

DOM Manipulation:

Visit the following resources to learn more:

- [DOM Tree](#)
- [GeeksForGeeks - DOM (Document Object Model)](#)
- [What is the DOM?](#)
- [Eloquent JavaScript, 3rd Edition: The Document Object Model](#)
- [JavaScript HTML DOM](#)
- [JavaScript DOM](#)
- [Learn the HTML DOM with Exercises - CodeGuage](#)
- [What is DOM, Shadow DOM and Virtual DOM?](#)
- [JavaScript DOM Crash Course](#)

Angular:

Visit the following resources to learn more:

- [Visit Dedicated Angular Roadmap](#)
- [Official - Getting started with Angular](#)
- [Angular for Beginners Course [Full Front End Tutorial with TypeScript]](#)

Vue.js:

Visit the following resources to learn more:

- [Visit Dedicated Vue Roadmap](#)
- [Vue.js Website](#)
- [Official Getting Started](#)
- [Vue.js Course for Beginners](#)
- [Vue.js Crash Course](#)
- [Meet Vue.js, the Flexible JavaScript Framework](#)

React:

Visit the following resources to learn more:

- [Visit Dedicated React Roadmap](#)
- [React Website](#)
- [Official Getting Started](#)
- [The Beginners Guide to React](#)
- [React JS Course for Beginners](#)
- [React Course - Beginners Tutorial for React JavaScript Library [2022]](#)
- [Understanding Reacts UI Rendering Process](#)

CSS Preprocessors:

Visit the following resources to learn more:

- [CSS Preprocessors Explained](#)
- [Why Use Preprocessors?](#)
- [Sass Website](#)
- [Official Documentation](#)
- [Sass Tutorial for Beginners](#)
- [Sass, BEM, & Responsive Design](#)
- [Official Website](#)

Version Control with Git:

Visit the following resources to learn more:

- [Git & GitHub Crash Course For Beginners](#)
- [Learn Git with Tutorials, News and Tips - Atlassian](#)
- [Git Cheat Sheet](#)
- [Tutorial: Git for Absolutely Everyone](#)

Build Tools and task runners:

Visit the following resources to learn more:

- [webpack is a static module bundler for modern JavaScript applications](#)
- [Vite Next Generation Frontend Tooling](#)
- [Parcel is a zero configuration build tool for the web](#)
- [npm script](#)
- [yarn script](#)

CSS Architecture:

Visit the following resources to learn more:

- [A Look at Some CSS Methodologies](#)
- [BEM Official Website](#)
- [OOCSS Official Website](#)
- [SMACSS Official Website](#)

Testing and Debugging:

Visit the following resources to learn more:

- [A comprehensive dive into software testing.](#)
- [The different types of software tests](#)
- [Testing React apps with Jest](#)
- [Vitest Website](#)
- [Jest Website](#)
- [Playwright Website](#)
- [Playwright Tutorial: Learn Basics and Setup](#)
- [Playwright, a Time-Saving End-to-End Testing Framework](#)
- [Official Website](#)
- [Official Documentation](#)
- [Cypress End-to-End Testing](#)

Web Security and HTTPS:

Visit the following resources to learn more:

- [Why HTTPS Matters](#)
- [Wikipedia - OWASP](#)

- [OWASP Web Application Security Testing Checklist](#)
- [OWASP Top 10 Security Risks](#)
- [OWASP Cheatsheets](#)
- [Content Security Policy (CSP)](#)
- [OWASP ZAP Step-by-Step Tutorial](#)
- [What is HTTPS?](#)
- [Why HTTPS Matters](#)
- [Enabling HTTPS on Your Servers](#)
- [How HTTPS works (comic)](#)
- [SSL, TLS, HTTP, HTTPS Explained](#)
- [HTTPS — Stories from the field](#)

APIs and Data Fetching:

Visit the following resources to learn more:

- [Introduction to GraphQL](#)
- [The Fullstack Tutorial for GraphQL](#)
- [GraphQL Tutorials](#)
- [GraphQL Course for Beginners](#)
- [Introduction to GraphQL](#)
- [How to Execute a Simple GraphQL Query](#)