Web Development Cheatsheet

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[HTML Basics - Web Dev]

- <!DOCTYPE html>, <html>, <head>, <body>

- <h1> to <h6>, <p>, <a href>, <img src>, <ul>, <ol>,

- Forms: <form>, <input>, <label>, <button>, <select>

- Semantic tags: <section>, <article>, <nav>, <footer>

[CSS Fundamentals - Web Dev]

- Selectors: .class, #id, *, element

- Box Model: margin, border, padding, content

- Flexbox: display: flex; justify-content; align-items

- Grid: display: grid; grid-template-columns; gap

- Media Queries: @media (max-width: 768px) {...}

[JavaScript Essentials - Web Dev]

- Variables: var, let, const

- Functions: function foo() {}, arrow => functions

- DOM Manipulation: document.getElementById()

- Events: onclick, onsubmit, addEventListener()

- Array methods: map, filter, reduce

[Frontend Frameworks & Tools - Web Dev]

- React Basics: Components, Props, State, useEffect

- Routing: React Router, SPA concept

- NPM, Webpack, Babel

- Bootstrap / Tailwind CSS overview

[Backend & APIs - Web Dev]

- HTTP Methods: GET, POST, PUT, DELETE

- REST vs SOAP APIs

- Express (Node.js): app.get('/', ...), middleware

- Django: views, urls, models, templates

- AJAX & Fetch API for frontend-backend connection

[Databases - Web Dev]

- Relational: MySQL, PostgreSQL - SQL queries

- NoSQL: MongoDB - documents, collections, CRUD

- ORMs: Sequelize, Django ORM, Mongoose