



Front End Developer - Preparation Document

Dear Students,

We hire tech enthusiasts with a broad set of technical skills who are ready to tackle some of technology's greatest challenges. The hiring process has been designed from the ground level to avoid any false positives and in order to help you to get through our process.

We have curated this document after examining some of the most frequently asked questions & also keeping in mind the preparation that you may require in order to crack our selection process. This document will come in handy in order to understand about the position and the tips and tricks that will help you prepare for the hiring process for Front End Developer at Josh Technology Group.

Please Note:- This document is intended to provide you with the required guidance and sample material that would be helpful in preparation and this in no way guarantees your selection.

Excited much to participate in the selection process? We look forward to your participation!

Wish you all the luck for the hiring process!



Let's Get Started

Are you prepared? Check for the following points :

- 1) Most importantly, you've a strong foundation of HTML, CSS and basic javascript.
- 2) You can solve the problems by visualizing and thinking through the solutions.
- 3) Ability to use the core concepts of the HTML, CSS & JS for solving the problems on the go.
- 4) You've practical knowledge of basic data structures. (Arrays, Maps)
- 5) You know and can explain your code and its underlying logic.
- 6) Knowledge of any framework or libraries is only a plus. But the basics are a must-have.

Steps to getting started with the preparation :

- 1) You can start with the guides mentioned below and practice by:
 - a) Creating structure with HTML. The first thing you have to learn is HTML, which is the standard markup language for creating web pages.
 - b) Styling it with CSS. The next step is to learn CSS, to create a fluid layout & style your web page with beautiful colors, fonts, and much more.
 - c) Making it interactive with JavaScript. After studying HTML and CSS, you should learn JavaScript to create dynamic and interactive web pages for your users. Learn how to use JS to manipulate your webpage.
- 2) Sample mini projects for practice: [Sample mini projects](#)
- 3) Be sure to check out best practices & alternative methods while implementation. Below are some general best practices.
 - a) [HTML best practices](#)
 - b) [CSS Best practices](#)
 - c) [Js Best Practices 1](#)
 - d) [Js Best Practices 2](#)



Preparing for the Interview :

- 1) In-Depth Guides
 - a) [Frontend Development Tech Stack Overview - Beginner guide](#)
 - b) [Learning Html Basic Concepts - HTML](#)
 - c) [Learning Css Basic Concepts - Css](#)
 - d) [Learning Js Basic Concepts - Js](#)
 - e) [Learning Html in Depth - MDN](#)
 - f) [Learning Css in Depth - MDN](#)
 - g) [Learning Js In depth - The Modern JavaScript Tutorial](#)
- 2) Short boost-up guides
 - a) Flexbox: [Flexbox guide](#), [Flexbox Froggy](#)
 - b) [Guides Archive](#),
 - c) Additional [JS Resources](#)

Must know concepts (In addition to basics) -

- 1) HTML, CSS
 - a) Building Fluid layouts
 - b) Selectors & comparison
 - c) Specificity
 - d) Box model
 - e) Positioning elements
 - f) Pseudo classes and elements
 - g) Flexbox, Grids
 - h) Shorthands in css
 - i) Responsiveness (Fluidity and media queries)
- 2) Javascript
 - a) Variables
 - b) Functions and its different types
 - c) Scope, closure, scope binding,
 - d) Objects and operations on objects, this keyword
 - e) Array and array operations in Js
 - f) Events, event handling
 - g) Handling DOM & forms with Js
 - h) Asynchronous Js (Timeouts, intervals, promises, async, await etc)
- 3) More
 - a) Using developer tools for development and debugging
 - b) Data structures - Array, maps etc.