

Navigating Technical Interviews



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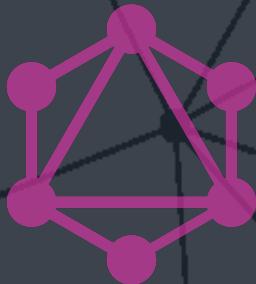
Shruti Kapoor



tinyletter.com/shrutikapoor



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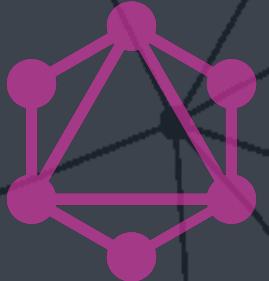




#DEVJOKE



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Question: Why did the JavaScript developer leave?

5

4

3

2

1

Because they didn't get arrays.

Question - Why did the developer die in
the shower?

5

4

3

2

1

He read the shampoo bottle
instructions: Lather. Rinse. Repeat.

Question: What do you call the security
outside of a Samsung store?

5

4

3

2

1

Guardians of Galaxy

rt You Retweeted



Shruti Kapoor @shrutikapoor08 · Jan 25

Since you asked, I shall deliver -

Question: Why do C# and Java developers keep breaking their keyboards ?

.

.

.

.

Because they use a strongly typed language

#Devjoke



4



6



42



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Outline

1. Getting the interview
2. Getting ready for the interview
3. During the interview
4. After the interview



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PART 1: GETTING THE INTERVIEW



Finding a job you like

Recruiters

Hiring managers

Personal referrals

Twitter



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Resume tips

1. Get resume proof-read
2. Shrink it to 1 page
3. Tailor to every job
4. Check for typos



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KNOW THE PRONOUNS



Interview Rounds

Initial screening call (Recruiter / Manager)

Phone Screen 1

On-site interviews 4 - 5



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Initial screening call

- usually behavioral
- typically about past experience
- be prepared to answer why you are looking for a new role



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Technical Interview rounds

- usually on a collaborative tool like collabedit
- Whiteboarding style questions
- 45 - 1 hour
- be prepared to ask the interviewer questions



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PART 2: GETTING READY FOR THE INTERVIEW



Review fundamentals

Review Data Structures & Algorithms

Review Data Structures & Algorithms

Arrays

Queues

Linked Lists

Strings

Stacks

Heaps

Trees

Graphs

Hash Maps

Searching

Sorting

Tree Traversals

DFS

BFS

Dynamic Programming

Greedy Algorithms

Time and space complexity



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Front end concepts – HTML

DOM Manipulation

Semantic markup



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Front end concepts – HTML

DOM Manipulation

Semantic markup

querySelectorAll
querySelector
getElementbyId

Article
Section



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Front end concepts – CSS

Animations

Pseudo classes

Naming conventions



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Front end concepts – JS

Closures

Prototypal inheritance

Scoping

Closures

The event loop

Event bubbling

Apply, call, and bind

Callbacks and promises

Variable and function hoisting

Currying



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Front end concepts – Web

CORS

How do browsers work?

HTTP status codes

Critical rendering path

Image optimizations

Security

Prefetching and preloading
resources



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Practice questions

Leetcode

Interviewcake

Hackerrank



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Category - All



Algorithms



Database



Shell



Concurrency

0/1506 Solved

Easy 0

Medium 0

Hard 0

Pick

Search question titles, description or IDs



Difficulty ▾

Status ▾

Lists ▾

#	Title	Solution	Acceptance	Difficulty	Fre
1480	Running Sum of 1d Array		91.5%	Easy	
1119	Remove Vowels from a String 🔒		89.6%	Easy	
1350	Students With Invalid Departments 🔒		89.1%	Easy	
1470	Shuffle the Array		89.0%	Easy	
1431	Kids With the Greatest Number of Candies		88.7%	Easy	
1108	Defanging an IP Address		87.2%	Easy	
1303	Find the Team Size 🔒		87.1%	Easy	
1378	Replace Employee ID With The Unique Identifier 🔒		86.7%	Easy	
1342	Number of Steps to Reduce a Number to Zero		86.6%	Easy	
771	Jewels and Stones		86.2%	Easy	
1486	XOR Operation in an Array		86.0%	Easy	

Quality > Quantity

Practice interviewing - pramp.com

Ready for real interviews? Skip straight to final interviews with Triplebyte. [Start Now](#)

NEW PRACTICE INTERVIEW



Data Structures and
Algorithms



Behavioral
NEW



System Design
NEW



Frontend
NEW



Applied Data Science
NEW



Practice with a
Friend

What would you like to practice?

Resources

1. <https://davidshariff.com/blog/preparing-for-a-front-end-web-development-interview-in-2017/>
2. <https://javascript.info/>
3. <https://github.com/yangshun/front-end-interview-handbook>
4. <https://yangshun.github.io/tech-interview-handbook/cheatsheet/>
5. <https://www.educative.io/courses/coderust-hacking-the-coding-interview>



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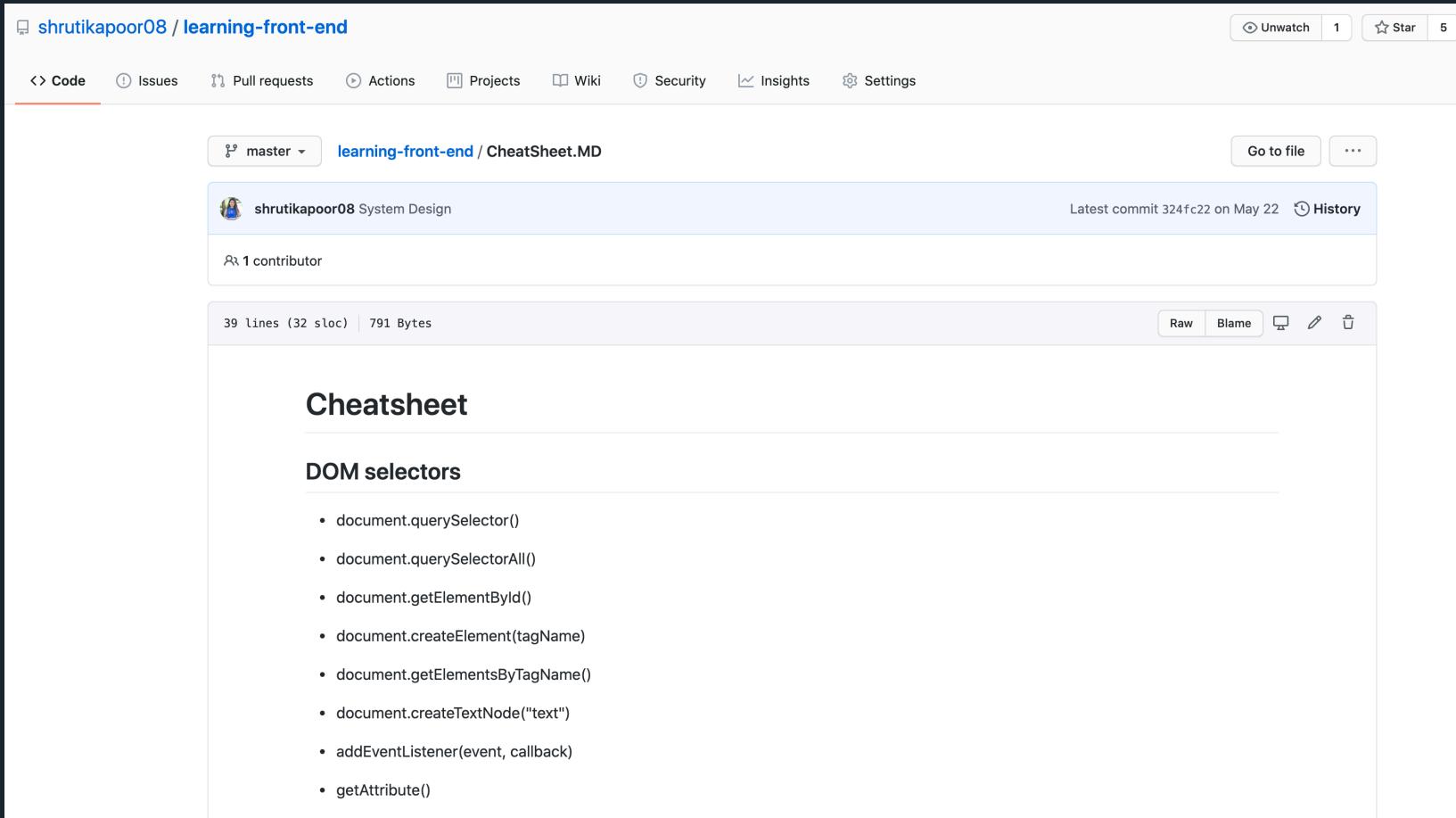
Personal experience

- DOM Manipulation
- Animating objects
- Calling API and building a small app
- String manipulation
- Searching for items in a matrix
- Event emitters
- Implement counter



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Cheat sheet I use



The screenshot shows a GitHub repository page for `shrutikapoor08 / learning-front-end`. The repository has 1 unwatched star and 5 forks. The `Code` tab is selected, showing the file `CheatSheet.MD` in the `master` branch. The file is titled "Cheatsheet" and contains a section on "DOM selectors" with the following list:

- `document.querySelector()`
- `document.querySelectorAll()`
- `document.getElementById()`
- `document.createElement(tagName)`
- `document.getElementsByTagName(tagName)`
- `document.createTextNode("text")`
- `addEventListener(event, callback)`
- `getAttribute()`

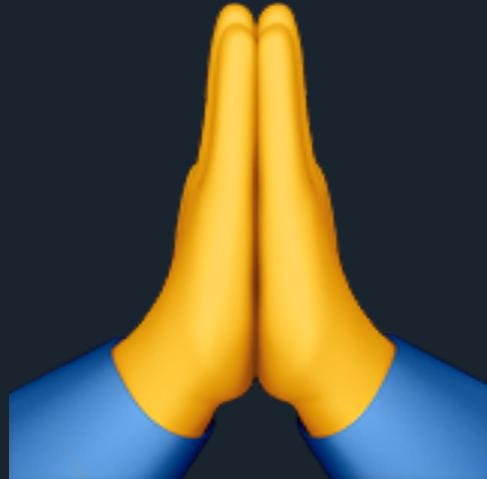
github.com/shrutikapoor08/learning-front-end

PART 3: AFTER THE INTERVIEW



+

Thank the interviewer



Apply for more





**It is a journey.
Don't let hurdles stop you.**



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[github.com/shrutikapoor08/
learning-front-end](https://github.com/shrutikapoor08/learning-front-end)

THANK YOU

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