

Google Cloud Engineer Interview Experience

Google HR Screening

- What are the HTTP methods? PUT POST DELETE GET
- What is the time complexity of merge sort?
- What are the status codes available?
- What is the difference between PUT and POST?
- What are website cookies?
- How to check IO Usage for machine? SAR Utilities
- How to Capture and Analyze Network Traffic? Tcpdump
- How to check boot logs in linux? journalctl -b
- What is the significance of SIGKILL?
- Which signal will be sent to OS when you run kill -9 PID command in linux? SIGKILL
- Caching mechanism?
- How does the TCP Handshake work behind the scenes?
- When you deploy a web server what are the security measures you would take?
- How does the internet work at a high level?
- Data Structure
 - Cood was given you need to understand flow and tell them the final output
 - Tree Question (Left order traversal)
 - String palindrome
 - Bubble Sort (But it was wrong code and they told me I need to identify the bug and correct it and tell the time complexity of the algorithm and any better sorting algorithm apart from this).

Google RRK1 Interview Question

- How would you check whether the user has to execute permission or not?
- How do you call the HTTP request method without a browser or curl?
- What are the parameters available in the curl command?
- A different alternative and flavor for curl command?
- What happens when you run the cat command on terminal internal workflow?
- What if I got an error cat command not found what could be the possible issue?
- What if I can't able to SSH into the remote machine? What is the possible step would you take to make it possible or check what is the issue?
- It is mandatory to use port 22 for ssh if any other port is possible? ->
<https://www.quora.com/Is-it-really-a-bad-practice-to-open-port-22-and-SSH-to-the-production-server-directly>
- Practical coding round java code snippet was given?

Google RRK2 Interview Question

- Basic web technology.
 - Type of Request
 - What Type of status code?
 - What is the HTTP method? PUT, POST, DELETE
 - What is the difference between PUT & POST?
- Basics of networking, more about OSI model.
- OS Related concepts
- Shell commands for a particular situation.
 - If a user wants to access the file in read mode. What command can use?
- Brief about all the HTTP error codes and their explanation.
- What is the possible way we can debug the website issues?
- Networking concepts any very basics of networking some of the questions were direct and some were twisted?
 - Explain the OSI model and its protocol?
 - Basic Networking commands like nslookup, dig, ping, traceroute.

Google GCA + System Design

- System Design basic concepts.
 - Design Caching Server?
 - Design Netflix streaming engine?
 - What is a load balancer what is it?

Google Googleiness + Leadership

- They Check whether you are fit for the company or not.
- Some general questions and then he asked questions related to the role, basically he wanted to know whether I know about the role.
- He started giving me hypothetical questions and scenarios and he asked about my approach to them.
- Tell something about a situation that I faced in my file and how I dealt with it.
- There was a technical situation given and he asked me to solve it in both technical and non-technical ways.