Here are some resources you can check out for HTTP and REST.

For HTTP, Please start with these. (1)

https://developer.mozilla.org/en-US/docs/Web/HTTP/Overview

https://www.ntu.edu.sg/home/ehchua/programming/webprogramming/HTTP_Basics.html

https://developer.mozilla.org/en-US/docs/Web/HTTP/Methods

https://developer.mozilla.org/en-US/docs/Web/HTTP/Headers

https://developer.mozilla.org/en-US/docs/Web/HTTP/Status

Following are nice to read for now. (2)

https://developer.mozilla.org/en-US/docs/Web/HTTP/Caching

https://developer.mozilla.org/en-US/docs/Web/HTTP/Cookies

https://developer.mozilla.org/en-US/docs/Web/HTTP/CORS

https://developer.mozilla.org/en-US/docs/Web/HTTP/Connection_management_in_HTTP_1.x

https://developer.mozilla.org/en-US/docs/Web/HTTP/Basics_of_HTTP/Evolution_of_HTTP

For RESTFul web services please have a look at the following. (3)

https://developer.ibm.com/articles/ws-restful/

https://www.restapitutorial.com/

http://restcookbook.com/

These are optional readings related to REST. (4)

https://en.wikipedia.org/wiki/JSON

https://www.ics.uci.edu/~fielding/pubs/dissertation/rest_arch_style.htm

https://martinfowler.com/articles/richardsonMaturityModel.html

https://www.json.org/json-en.html

Optional reading, HTTPS . (5)

https://en.wikipedia.org/wiki/HTTPS

https://developers.google.com/web/fundamentals/security/encrypt-in-transit/why-https
https://developers.google.com/web/fundamentals/security/encrypt-in-transit/intro-to-security-terminology

https://developers.google.com/web/fundamentals/security/encrypt-in-transit/enable-https

https://support.google.com/webmasters/answer/6073543?hl=en

Optional reading, Caching . (6)

https://tomayko.com/blog/2008/things-caches-do

https://www.mnot.net/cache_docs/

https://developers.google.com/web/fundamentals/performance/optimizing-content-efficiency/http-caching

https://tools.ietf.org/html/rfc7234 (Optional)

A sample study plan can be - starting with (1), then (3), then (2), and if time permits (4) and (5). Apart from the above, you are free to use any resources you find online. Feel free to share if you find something that may be useful for others.

If you have any questions, don't hesitate to ask here.

Happy studying!

Some tips for studying

- No need to memorize. Conceptual understanding is most important.
- Will encounter a lot of technical terms, no need to dig deep for now. Just continue.
- If something is not understood, just keep going. Everything will make sense eventually.
- Use Chrome/Firefox dev tool and see interactions.