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What Does a Site Reliability Engineer Do?
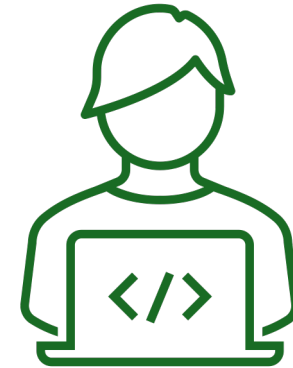
What is a Website and Server?

- *A website is like an online store, game, or classroom.*

- *Servers are like big computers that store information for websites.*

- *When you type an address like www.tynker.com, your computer talks to a server (another computer) to get the website.*

As a Site Reliability Engineer (SRE) I...

help fix problems when things break and try to keep the servers running all the time.

To do that, I use computers and code, but my responsibility is to make sure everyone can use apps and websites without trouble.

What Happens When a Website Breaks?

Sometimes, websites can stop working. You might see a "404 Error" , "Server Down", or some other error message.

When this happens, I jump in to fix it! Then, I work to figure out what went wrong and make sure it doesn't happen again.

Examples of how I use code to do that

- Check that one computer can talk to another and send an alert if its not

- Collect and process (analyze) data to make decisions

- Chaos engineering – purposely break things in a lab to see how failure happens and what we can do to prevent it in the real world

Thank You!