

A photograph of a woman with long brown hair, wearing a red jacket, smiling and holding the hand of a young child. The child is wearing a yellow beanie with patches and a red puffy jacket. They are standing in front of a wooden building with horizontal siding.

**SELF-HEALING :
DAD, SON,
KUBERNETES**

**IT WILL BE FUN,
SWIPE**



lets go...



SON



Dad, I have some
questions around
Kubernetes.

DAD



Sure, shoot them son.

Mutha Nagavamsi
@muthanagavamsi

SON



Before that, tell me
how's my picture?

DAD



It's nice, son. Where
did you find it?

Mutha Nagavamsi
@muthanagavamsi

SON



On sister's phone, I
hacked it ☺

DAUGHTER



Don't dare to touch my
phone again, Ishaan!

Mutha Nagavamsi
@muthanagavamsi

SON



Crazy sis!

Ok Dad, What is this
kubernetes self-healing?

Mutha Nagavamsi
@muthanagavamsi

DAD



Interesting question, self-healing is like having a magical genie that fixes things automatically when they go wrong in Kubernetes.

SON



Okay, How does it work?

Mutha Nagavamsi
@muthanagavamsi

DAD



Imagine one of the container
in your cluster **misbehaves**
or **crashes**, Kubernetes Self-
healing steps in and
automatically restarts or
replaces the problematic
container.

Mutha Nagavamsi
@muthanagavamsi

SON



What if an entire Kubernetes node decides to take a nap?
Like sis!

DAUGHTER



Ishaan! You are getting
yourself into trouble.

Mutha Nagavamsi
@muthanagavamsi

DAD



Oh no, Not again!

SON



Haha, sorry, Dad. No offense
to sis. What happens when a
node is down in Kubernetes?

Mutha Nagavamsi
@muthanagavamsi

DAD



Kubernetes Self-healing comes to the rescue again. It notices the snoozing node, waits for it to come back, if not, it **redisistributes** workload to other healthy nodes.

Mutha Nagavamsi
@muthanagavamsi

SON



What happens when
kubernetes node
loses network?

Mutha Nagavamsi
@muthanagavamsi

DAD



If your wi-fi network is lost, just as you would attempt to reconnect, Kubernetes also makes efforts to reconnect. If it fails, it calls its friends to resolve the issue to keep things running smoothly.

Mutha Nagavamsi
@muthanagavamsi

DAUGHTER



Ishaan, did you take the chocolates from my study desk?

SON



No, no, sis. Believe me, I swear I didn't touch those 5 chocolates. I Promise!

DAUGHTER



Liar! You're lucky, Ishaan. If I had self-healing powers like Kubernetes, I'd replace you with a more responsible sibling.

Mutha Nagavamsi
@muthanagavamsi

DAD



My little minions! Stop. We don't want to turn our home into a **battleground** for chocolates.

SON



Ok dad. Self-healing, does it work like **magic** every time?

Mutha Nagavamsi
@muthanagavamsi

DAD



Self-healing is not magic, it relies on the configuration you provide and the health checks you set up. So, you still need to put some effort into ensuring your applications and containers play nicely.

Mutha Nagavamsi
@muthanagavamsi

SON



That's awesome, Dad!

Sis, you want to say
something?

DAUGHTER



I just found a better place to
hide chocolates.

Mutha Nagavamsi
@muthanagavamsi

SON



Ok, good luck with your hiding skills sis. Dad, thanks for your help on self-healing.

DAD



Anytime, son.

Mutha Nagavamsi
@muthanagavamsi

Thank you all for reading!
Me, Ishaan & Ishika
Love you guys!



REPOST IF USEFUL



MUTHA NAGAVAMSI

FOLLOW FOR MORE