**Who takes the most responsibility for our dis-eased world?**

Building sustainable solutions is a thing of urgency. Despite preserving our world for tomorrow’s generations, it’s no news that the occurrence of most respiratory diseases can be traced to pollution (Dominiski et al. 2021). As at now, the benefits of industry 4.0 is essentially mingled with the setbacks it has brought. Is this really what we bargained for, moving from the third industrial revolution? Interestingly, these discoveries should be like a walk on a beach or a sail in a yacht, rather it has come with more embarrassments than pleasure. Environmental awareness has raved attention for years and will do so for years to come. Is talking about this monster enough to make all our environmental issues to vanish? Absolutely not.

Even though the biggest Cloud provider (Amazon Web Services) has factored out the preservation of our planet for posterity’s sake, as fancy as this sounds, it will only remain a plausible solution until the mindsets and actions of each one of us becomes driven to making this planet thoroughly healed again. Apart from this ingenious addition of the Sustainability pillar to the existing 5 over a year ago, how do we incite the technology community of experts to build responsible and sustainable solutions that will go a long way to preserve the ecosystem, thereby giving back to our beautiful planet.

It is the responsibility of chief technology officers (CTO), architects, developers etc. to build solutions that are lean (minimal waste), environmentally sustainable and maximising efficiency in the long-term. The Tech community must remain mindful that acquiring servers by just one click is giving off energy in some other part of the world (in the Availability zones which carry these servers in data centres). According to AWS, “By using energy-efficient and right-sized instances, you are able to greatly reduce the environmental impact and cost of your workload.”. Despite the new technologies that have been adopted, it is also necessitous for the Cloud providers to rid all resources that are not energy efficient making it unavailable to not all customers keeping it in mind that not all customers are discretionary enough.

According to the share responsibility model, everyone must keep their own end of the bargain to save our ailing planet. In essence, given this joint responsibility, more is expected of Cloud Providers and the Tech community. We must build sustainable applications with the right services; resources and the Cloud Providers must also make a bigger move in the fight to restore Planet earth for Posterity.

References.

<https://docs.aws.amazon.com/wellarchitected/latest/sustainability-pillar/sustainability-pillar.html>

Fábio Hech Dominski, Joaquim Henrique Lorenzetti Branco, Giorgio Buonanno, Luca Stabile, Manuel Gameiro da Silva, Alexandro Andrade, Effects of air pollution on health: A mapping review of systematic reviews and meta-analyses, Environmental Research,

Volume 201, 2021, 111487, ISSN 0013-9351,https://doi.org/10.1016/j.envres.2021.111487.

(https://www.sciencedirect.com/science/article/pii/S0013935121007817)