



## Recession in the IT Field and Need of the Hour

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The IT field is going through the so called 'recession' these days. The aspiring software engineers, ready to step into the industry have been taken aghast at the situation that has surfaced suddenly in front of them, making their dreams dark. At this time, it is better for all of us to look back, understand the current situation and do the necessary so that we can surf over this unexpected wave of layoffs.

In mid-2019, when the Coronavirus pandemic started to spread slowly, first in China and then throughout the world, all people were confined to their homes and all works were carried out online. Starting with the consulting doctors online, this concept spread its wings to many other fields like teaching, food/goods delivery, software work and many others. This obviously resulted in a heavy demand for the Data Scientists, Developers in Artificial Intelligence, Deep Learning and so on. Adding to this, many engineers resigned from their jobs when another lucrative offer was proposed to them.

That is past. As of now, the pandemic's dust has settled down, the demand has decreased and the software companies are being forced to go for cutting off their offers and increasing the layoffs of the existing employees. This has brought forward the question of how to face this grim situation.

The answer is in the question. If it is observed carefully, the employees that are being booted out are those who are experts in the outdated fields – C/C++ programming, Java, Fortran etc. Only those who possess specialities in Artificial Intelligence, Machine Learning, Virtual Reality, Quantum Computing, Nano Computing, Anima-

tion etc. have a place in the IT field now. The others who have been removed or waiting for their calls should improve their credentials so as to match the requirements of the IT industry and thus, preserving their jobs and future.

The teachers also, need to improve their knowledge and train themselves in the 'real' requirements of the industry, upgrade themselves so that they can upgrade the students in parallel with the changed norms that are around in the software companies.

New applications and apps of AI like ChatGPT, Google BARD, the good old IBM Watson etc. are doing the developers' job themselves and this forces the developers to change their expertise, their way of approach and their specialities too. Everyone concerned with the IT field has to relocate his/her speciality and search for another sub-area requirements are slowly starting the surface.

Hence, instead of viewing the current situation in a negative way, it should be looked at in a positive way – demand has lessened in a field means it will increase somewhere else. All the engineers should identify the new demand and make themselves ready for the future. Being taken aback and sitting in a corner will bring nothing for anyone; the situation should be faced with courage, hope and updated knowledge.