

Impact of AI on Software Developers

With the advent of AI, several jobs have become simpler for humans. Laborious and fatal working conditions have been improved. AI has become powerful to support surgical procedures and efficient surveillance and monitoring. AI in software development has eased requirements gathering, system design, coding, and testing methodologies. Technologies like GPT3 developed by Open AI, Codex, and Jurassic-1 are efficiently trained from humongous content and produce code in multiple languages using language model methodology.

Advancements in AI coding could be seen as a possible threat to simple tasks managed manually. Organizations might want to improve their task force who would be fluent in several programming languages. Domain-specific and project-specific hiring need not be done.

Although AI has outsmarted humans in a few tasks by being time-efficient, it is not capable to develop and produce a quality working model. Challenges could be, different meanings of language models, lack of regression testing, The technologies are not open-source and would also cost a lot. The ethical prospects of imbibing the technology are not yet determined. Who is to blame if the program is not perfect, will the software produce the desired output without making changes in the software itself? Agility aspects, costs, security, and ethical aspects are far-fetched as of yet in this domain. Hence, not anytime soon would AI replace human jobs, they could have assistive roles.