Topic : <u>Artificial Intelligence Candidate Recruitment System using Software as a Service (SaaS)</u>

Artificial intelligence is, by all accounts, here to stay. It is making serious inroads in 2018 and is coming to a business near you in the near future. With revenues from AI expected to reach $59.8 billion by 2025, according to a report,, this task-reducing technology can and will make your work responsibilities easier.

One of the ways that AI is expected to reduce the workload for employees is by making the tasks of hiring and recruiting easier. Because the technology can automate many of the responsibilities that are time-consuming and requiring strenuous effort for workers, AI is expected to be a faster and more efficient alternative for companies to employ as a part of their HR efforts.

The motive of this concept is to utilize the Artificial intelligence concepts and algorithms to help firms recruit highly productive employees for their firm.The Chatbot used in this concept could test the employee in both technical as well as non-technical fields. During the recruitment process, in order to judge the candidate's attitude taking a particular string ie positive, negative, or neutral, the disclosed method makes use of sentiment analysis. One of the greatest benefits of this concept is that it helps to save time and money of the firm which they spend in hiring the candidates for their organization. The architecture is highly ductile, robust, vigorous and extensible.

More companies will use AI to scan resumes, schedule interviews, and send routine emails, which improves efficiency for companies and candidates.On top of that, more and more recruitment software seems to make use of AI in some form or another. It will improve the candidate experience by making early interactions more personalized, thus laying the foundation for genuine and relevant interviews as the hiring process proceeds. AI can enable real relationships between companies and candidates.