IT Project Manager

Information Technology, Telecommunications, and Security

While the role of an IT project manager encompasses many responsibilities that require human interactions and a deep understanding of client needs, AI can still provide significant support. AI-based tools can assist in optimizing resource management, monitoring budgets in real-time, forecasting potential delays, and ensuring the quality of deliverables through automated controls.

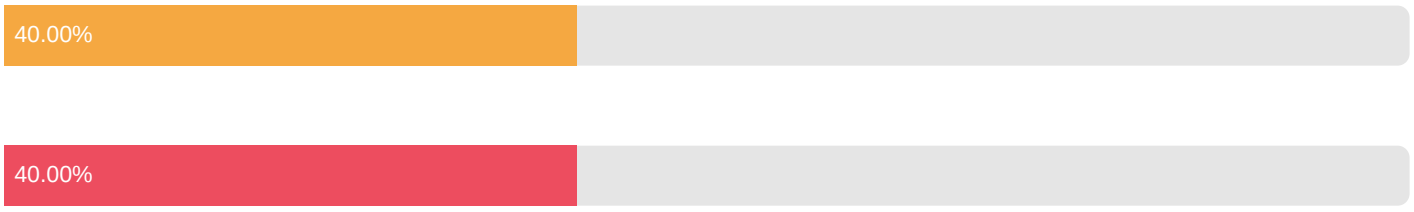
Translating requirements into technical specifications can also be aided by advanced systems, although the requirement-gathering part remains fundamentally human.

Automation degree: 40.00%

Significant Impact of AI on the Job

Automation degree: 40.00%

Significant Impact of AI on the Job



Main tasks

This section reviews the 3 main tasks associated with the job studied and assesses the potential level of automation induced by AI **(« AI Automation Impact »)**.The modeling uses 8 criteria detailed on the **« Methodology »** page.

Tasks	AI Automation Impact
Coordinate and supervise the phases of an IT project, from design to production.	Moderate
Work closely with clients or users to define requirements and translate them into technical specifications.	Significant
Manage resources, budget, and deadlines while ensuring the quality of deliverables.	High

Impact on skills

At-risk Skills ↓	
Identifying and analyzing deviations between planned and actual activities.	With the rise of advanced analysis systems, deviation detection is indeed something that can be automated, especially when talking about simple detection of differences between forecasted and actual values. Moreover, with the advancement of machine learning, the analysis of these deviations can also be performed automatically by identifying recurring patterns.
Ability to configure, interpret, and act based on analyses provided by these automated systems.	This resilient skill is the pivot of the transition between the pre-automated era and the one where artificial intelligence dominates. While automated systems can perform complex analyses, an individual's ability to correctly configure these systems, understand and interpret the results, and most importantly, act accordingly, remains essential. It's a blend of technical expertise (for configuration) and analytical skills (for interpretation). The skill also reflects the idea that complete automation without supervision or human intervention is rarely desirable or achievable.
Future-proof Skills ↑	
Mastery of decision criteria for internal or external production.	The systems can be pre-configured with a set of criteria to decide on internal or external production, and alerts can be generated based on these criteria. However, it's possible that the final decision still relies on human intervention, especially when unforeseen or unquantifiable variables come into play.
Estimating the workload and adhering to milestones.	Estimating is a complex skill that requires a blend of experience, intuition, and understanding of the tasks at hand. While certain aspects of estimating can be aided by automated tools, nuanced appreciation of the work to be done, considering unforeseeable circumstances and human complexities, often remains the domain of human experts. Milestones, on the other hand, are critical junctures that require close coordination, monitoring, and often re-evaluation as the project progresses. Adhering to these milestones means not only estimating correctly but also adapting, collaborating, and sometimes reprioritizing to ensure key objectives are met.

Visit our website