

Resumes:

- <https://www.microsoft.com/en-us/microsoft-365-life-hacks/writing/need-resume-help-ten-proven-resume-tips>
- <https://learn.microsoft.com/en-gb/training/modules/career-get-noticed/5-resume-building?ns-enrollment-type=learningpath&ns-enrollment-id=learn.start-career-in-tech>
- <https://learn.microsoft.com/en-gb/training/modules/career-get-noticed/4-resume-writing>
- <https://www.linkedin.com/learning/writing-a-tech-resume/linkedin?resume=false&u=3322>
- <https://www.linkedin.com/learning/the-ultimate-guide-to-professional-networking>
- [Difference between free LinkedIn and Premium LinkedIn accounts | LinkedIn Help](#)

Interviews:

- [How we hire | Microsoft Careers](#)
- [CRACKING the CODING INTERVIEW - Home](#)
- [How to prepare for your Microsoft interview: Technical Interviews](#)
- [Technical Interviewing | Microsoft Careers](#)
- [Microsoft early in profession hiring tips](#)
- [Microsoft SWE Intern Interview Prep - YouTube](#)

STAR(R) Method Example:

Behavioral Question: **Describe a time when you had to complete a project in which you were provided with very little information or guidance.**

Example answer from a Microsoft Software Engineer:

- **Situation: *The initiating event that launched the scenario you're about to discuss.*** During a recent reorg, my team took ownership of a new service. After owning the service for a few months, we found that the service was very unreliable due to inconsistencies with the upstream data source the service was using and the additional rigorous processing needed to use this data. As the tech lead for this service, I was told about a new upstream data source that was recently created.
- **Task: *The aspect of the situation you had to manage.*** I was asked to investigate this new data source, create an engineering plan that utilized this source, and implement a proof of concept that this new integration could be done.
- **Action: *The part where you describe exactly what you did.*** I began by meeting with the owning team of this new data source. During these meetings, I gained clarity on the data they had available for consumption and the various API endpoints available to retrieve this data. After gaining this information, I completed a gap analysis which outlined, based on our use cases, what needed data was supported and what additional features we needed the owning team of this new data source to implement. This analysis led to new work items being added to the backlog of the owning team to support our additional needs. Since some of the core data was supported, I was able to implement a proof of concept using this new data source. I created a new service that called one of the new data source's APIs for our data consumption and created logic that decreased our processing time by 99%.
- **Result: *Discuss what happened after you took action.*** This POC was able to clearly display that integrating with this new data source would eliminate both of our current problems of data inconsistencies and complex processing. To document this, I created a design document that outlined the engineering design and telemetry that supported these positive results. After sharing the results of the gap analysis and proof of concept with my broader team, both my team and the owning team of the data source are working to productionalize this new solution.
- **Reflection: *Share what you learned. What would you repeat and what would you do differently next time?*** Through this experience, I gained insight on the process

for creating specs and engineering design docs, knowledge on new technologies, such as Azure Functions, and experience working closely with a dependency team to define scenario requirements.

Situation <i>The initiating event that launched the scenario you're about to discuss.</i>	Task <i>The aspect of the situation you had to manage.</i>	Action <i>The part where you describe exactly what you did.</i>	Result <i>Discuss what happened after you took action.</i>	Reflection <i>Share what you learned. What would you repeat and what would you do differently next time?</i>
During a recent reorg, my team took ownership of a new service. After owning the service for a few months, we found that the service was very unreliable due to inconsistencies with the upstream data source the service was using and the additional rigorous processing needed to use this data. As the tech lead for this service, I was told about a new upstream data source that was recently created.	I was asked to investigate this new data source, create an engineering plan that utilized this source, and implement a proof of concept that this new integration could be done.	I began by meeting with the owning team of this new data source. During these meetings, I gained clarity on the data they had available for consumption and the various API endpoints available to retrieve this data. After gaining this information, I completed a gap analysis which outlined, based on our use cases, what needed data was supported and what additional features we needed the owning team of this new data source to implement. This analysis led to new work items being added to the backlog of the owning team to support our additional needs. Since some of the core data was supported, I was able to implement a proof of concept using this new data source. I created a new service that called one of the new data source's APIs for our data consumption and created logic that decreased our processing time by 99%.	This POC was able to clearly display that integrating with this new data source would eliminate both of our current problems of data inconsistencies and complex processing. To document this, I created a design document that outlined the engineering design and telemetry that supported these positive results. After sharing the results of the gap analysis and proof of concept with my broader team, both my team and the owning team of the data source are working to productionalize this new solution.	Through this experience, I gained insight on the process for creating specs and engineering design docs, knowledge on new technologies, such as Azure Functions, and experience working closely with a dependency team to define scenario requirements.