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# Example of Senior Principal Systems Engineer Job Description

Our innovative and growing company is looking to fill the role of senior principal systems engineer. Please review the list of responsibilities and qualifications. While this is our ideal list, we will consider candidates that do not necessarily have all of the qualifications, but have sufficient experience and talent.

## Responsibilities for senior principal systems engineer

* Keep the customer facing services available at top performance by maintaining the constant health of the supporting systems
* Ability to operate in the high-pressure environment and troubleshoot complex issues quickly successfully handle multiple priorities
* Work to automate detection and resolution of recurring issues in the production environment
* Leading a team of virtualization engineers
* Engineering, documenting, delivering and maintaining a VMware server infrastructure and supporting a virtualized desktop infrastructure in accordance with customer specifications and security guidelines
* Engineering, documenting, and providing recommendations for efficient management of the hardware, software, and services, supporting the virtualized environment, including the automation, cloud operations, and general movement towards Continuous Integration/Continuous Deployment (CI/CD) work streams
* Development of capacity management plans and implementing tools and techniques to implement the capacity management plan
* Maintaining and utilizing detailed industry knowledge, including expert working level knowledge in Microsoft Cloud and Unified Communications
* Presales experience that encompass architecture design, proof-of-concept for Enterprise and Mid-market customers
* Facilitate and lead Customer planning meetings for specific technology projects

## Qualifications for senior principal systems engineer

* Relevant operational and systems engineering experience in accordance with the job description mentioned above
* Articulate communicator, verbal and written
* BS in Aerospace or Electrical Engineering or equivalent years of experience
* 14 or more years of engineering experience with satellite bus systems
* Experience with early life-cycle satellite engineering activities/milestones, spacecraft integration
* Medical device regulations and standards (FDA 510(k), 21 CFR Part 11, AAMI, ISO 13485, IEC 60601, 62304)