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# Example of Systems Architect Principal Job Description

Our company is growing rapidly and is looking for a systems architect principal. We appreciate you taking the time to review the list of qualifications and to apply for the position. If you don’t fill all of the qualifications, you may still be considered depending on your level of experience.

## Responsibilities for systems architect principal

* Playing the key role in the acquisition phase to create the best concept concerning quality, cost and lead-time
* Teaming-up with the account team to win the project in the acquisition phase
* Lead storage and memory hardware device architecture with emphasis on FPGA and custom silicon solutions with next generation memory technologies
* Work cross-functionally with internal Azure engineering teams on scope and specification of memory and storage requirements for Azure services and deliver solutions
* Primary interface for evaluation with external 3rd party storage ASIC providers and IP blocks for memory system design
* Work with the broader industry eco-systems of development of next generation features, solutions and interfaces in trade organizations and standards bodies
* Works with projects and defines data architecture roadmap synthesizes and aggregates demand and puts in place innovative data architectures to drive business results
* Reviews project deliverables throughout development to ensure quality and traceability to requirements and adherence to all quality management plans and standards
* Advanced understanding of cloud architecture and methods for abstracting application deployments from specific cloud provider technologies
* Advanced working knowledge of spatial database systems (PosgreSQL/PostGIS) and ability to analyze/optimize performance on clustered instances of such databases

## Qualifications for systems architect principal

* Experience in software architecture/development, since a significant (and growing) part of the system is defined by software
* Competent in creating the right working climate because major accountabilities are achieved through teamwork with others
* All experience may have been gained concurrently
* MS degree in Electrical Engineering (or related fields) with 12+ years of industry experience or Ph.D
* Experience operating in a continuous delivery cycle with source control management
* A minimum of eight (8) years of experience working in the digital accessibility discipline