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# Example of Engineer / Architect Job Description

Our company is growing rapidly and is searching for experienced candidates for the position of engineer / architect. To join our growing team, please review the list of responsibilities and qualifications.

## Responsibilities for engineer / architect

* Works with vendors, highly skilled operations and other security members of the team
* Document security control processes and procedures
* Identifying future directions for capability needs
* Planning transition to Intelligence Community Information Technology Enterprise (IC ITE) services
* Establishing reference architectures
* Providing technical direction and oversight
* Serve as technical subject matter expert regarding areas of expertise, including establishing, communicating, and driving a vision for areas of responsibilities
* Articulate the current enterprise architectural vision, conceptualizing and experimenting with alternative architectural approaches and creating models to communicate the strategic direction
* A technologist that has a hands-on approach to understanding various data integration methods while paving the way for standards across the enterprise
* Develop architectural standards, workflows and interface specification documents that complement the architectural vision well enforcing best practices

## Qualifications for engineer / architect

* Drive the development of actionable architecture, technology strategies and technology solutions & patterns for Barclaycard business units
* Generally expected to have attained a 4-year/B
* 10-20 years of experience across of the core disciplines – Software, Database, Systems, Network Engineering
* Understanding of key considerations in Secure systems & software design, Resilience and High-Availability patterns for mission-critical applications, including multi-data-centre deployments
* Proficient with VLSM/VLANs
* 10-15+ yrs experience developing software / firmware for telecommunications / data communications products (infrastructure equipment such as switches / bridges / routers / etc), NICs, Ethernet controllers