**DS Senior Technical Architect – Criteria Responses**  
  
In addition to a CV, the candidiate should provide a response to the criteria below with specific examples/evidence of their experience.

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| * **technology knowledge - good experience in the majority of:** * Secure IAAS cloud infrastructure as code and architectures * RESTful micro service architectures * Linux * Workflow/BPM Tools * Data migration and data quality assurance * Architecture of CD/CI * Software development in Java/Spring Boot * React/Angular. | In my final role at LBG I was one of a team of Application Architects who designed and specified a collection of RESTful micro services to support the new Scottish Widows Corporate Pensions offering. This was deployed on an IBM Bluemix PaaS implementation coupled with a DB2 database deployed as IaaS. The main application was designed and built using ReactJS with an API layer provided by NodeJS.  The development lifecycle here used a number of components to aid a continuous development and implementation environment from Webstorm, GIT and Gradle for the build stage, through to Sonar, Cobertura and Selenium to provide an automated test environment with Jenkins scripting used to move artefacts through the stages.  Although I was not involved in day-to-day usage of the lifecycle tools I am aware of the power that they bring to a rapid development environment.  I have some had development experience using Java on a small scale at Scottish Widows where I developed a number of interfaces for the AWD workflow application, but none with Spring Boot.  For more than 10 years I worked in may capacities with the Scottish Widows Workflow applications. This includes a bespoke FileNet implementation and full-scale AWD deployment that required a migration of all data and images from the legacy FileNet system. Latterly I was responsible for the design of major upgrades to the application stack as well as coordination of each of the monthly releases.  One of my earlier roles at Scottish Widows was to lead a team of around 20 developers tasked with the migration of all the life and pensions policies from the Royal Scottish Assurance to Scottish Widows platform. This included a fairly manual ETL process over many months which included rigorous periods of data cleansing prior to the final load into the Scottish Widows systems.  I have no working knowledge of Linux. |
| * **making and guiding decisions** * capable of making and guiding effective decisions, explaining clearly how the decision has been reached. * able to make decisions characterised by managed levels of risk and complexity and recommend decisions as risk and complexity increase. * capable of resolving technical disputes between wider peers and indirect stakeholders, taking into account all views and opinions. | AWD migration  SOA service composition and domain modelling  Currently at CGI we use the Risk and Cost Driven Architecture model to underpin the solution architecture process. This entails initially identifying the key architectural risks and associated solution costs to inform the architectural decisions.  ??? |
| * **bridging the gap between the technical and non-technical** * translate technical concepts between software engineering, delivery management and service management so they are understood by all * able to speak on behalf of technical teams and facilitate the relationships with indirect stakeholders |  |