**Role Description & Person Profile**

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| **Role** |  |
| **Job title** | (Azure) Senior Software Integration Engineer |
| **Division** | Contract - Central |
| **Department** | D&A |
| **Location** | Head Office, Peterborough |
| **Team Structure**  Reports to, direct reports, etc**.** | Reports to Head of department |

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| **Description** |  | |
| **Impact Statement**  The contribution of the role to achieving the overall business objective. Span of impact.  Main purpose, focus of the role. | Multi-national company seeks to appoint a Senior Software Integration Engineer to play a key role in the development of a range of specialist applications (a mixture of web-based, mobile application and Interfaces).  Using Microsoft platform technologies (ASP.NET / Web API) and Azure, design, build and modify existing business-tier components, Web applications, and database objects.  Create and run unit and integration tests throughout the development lifecycle, Benchmark application code proactively to prevent performance and scalability concerns. Collaborate with the Quality Assurance Team on issue reporting, resolution, and change management.  Support and Troubleshooting – Assist the Operations Team with any environmental issues that arise during application development and deployment phases, i.e. Development, QA, Staging, and Production environments.  **What you will be doing**   * Advise on standards and practices around embedded cloud development and DevOps practices * Deliver across entire product lifecycle - concept, design, build, code, deploy, test, release, and automation * Creates and maintains a robust technical framework to support the software engineering practices * Interact with end-user team members to complete project activities   **What we are looking for**   * Must have practical experience of C# and .Net framework/.Net Core. * Have ability and experience to mentor and support other members of the development team * Practical Experience in Azure Serverless technologies, Azure service Bus, function Apps, App services, Cosmos & Sql DB * Practical Experience in Application development using cloud technologies * Ability to Resolve and troubleshoot Azure integration issues * Strong knowledge in developing Azure Integration Services (AIS) including Logic Apps, Logic app Connectors, Azure Functions, Service Bus, Event Grid, Azure Data Factory, Azure Storage * Experience in building complex integration using Azure Logic App and Transformations (Map/Schema) * Knowledge in Hybrid Integration using the Azure Platform, Azure Logic Apps, Logic app Connectors, Azure Functions, * Event Grid, API management, Azure SQL Database, C# Microsoft, .NET Framework (version latest -1) * Solid Understanding of DevOps, CI/CD on Azure DevOps, or Git & GitHub (Actions) * Good understanding of App Service, Functions, as well as Azure storage services like SQL DB, Tables, Files and Blobs * Solid knowledge of SDLC and agile techniques / development and SCRUM concepts | |
| **Role Objectives**  The key responsibilities and key accountabilities of role. (5 to 10 areas) | 1. Executes a range of tasks in line with agreed software development methodology    1. Application development across the full lifecycle    2. Working with the business to produce specifications and determine operational feasibility 2. Support code or configuration deployment to enable efficient and accurate implementations 3. Develop specialist knowledge in relevant technologies, programming languages, tools, techniques and apply expertise and knowledge to deliver effective solutions. 4. Share expertise and provide technical advice, guidance and mentoring to others as required. | |
| **Key Stakeholders**  What are the challenges of the relationships, communication strategies required, Etc. | **Internal:**   * BSM / End users – collaborate on solution developments depending on delivery methodology * Technical consultants – Collaborate on defining and developing technical solutions and propose practical technical recommendations. | |
| **Person Profile** |  | **Essential or**  **Desirable** |
| **Knowledge**  Consider experience, any formal qualifications genuinely necessary or any key areas of knowledge. | Educated to degree level (or hold equivalent level of experience). | Essential |
| Demonstrated ability to provide excellent customer service to users with a strong focus of understanding business priorities. | Essential |
| Strong analytical skills required with ability to analyse complex problems, interpret operational needs, identify creative/practical solutions and develop new procedures where required. | Essential |
| Understanding and appreciation of the software development lifecycle; requirements, design, coding, testing, deployment and maintenance. | Essential |
| Experience and understanding of cloud architecture patterns and practices | Essential |
| Experience collaborating with both local and remote users and teams. | Essential |
| **Other Factors**  Travel, shift working, HGV Licence, etc. | * Willingness to travel nationally and internationally (when and if required). * Willingness to participate in after-hours support related activities. * Post holder should have a full UK driving license. |  |