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| ROLE PROFILE |
| Job title | Mulesoft Architect | Date | July 2024 |
| Business | Group IT |
| Department | Group IT – Data and Architecture  |
| Location | Leicester/ Cornwall  |
| ROLE SUMMARY (main purpose) |
| The Mulesoft Architect will be proficient in integration utilising Mulesoft Anypoint. As part of the architecture team, this individual will support colleagues by advising on integration solutions and designing solutions. Responsibilities include owning and communicating the integration strategy, working with integration partners, defining best practices and integration guidelines for Mulesoft, implementing a governance framework encompassing. The mulesoft architect will also mentor teams on Mulesoft usage, define deployment policies to align with current Group IT processes, collaborate on testing strategies with the test team, and stay abreast of the latest advancements in Mulesoft and other integration technologies. |
| REPORTING STRUCTURE |
| Reports to | Lead Architect |
| Direct reports | No direct reports |
| Key internal stakeholders | IT leadership teamInfrastructure, Application support & Operations teamsBusiness PartnersTesting  |
| Key external stakeholders | Group Businesses and their leadership teamsGroup FunctionsIT Suppliers & Partners |
| KEY ACCOUNTABILITIES AND RESPONSIBILITIES |
| The key areas of focus are as follows:**Solution Design and Architecture*** Design Integration Solutions: Create robust integration architectures that align with business needs and technical requirements.
* API Design: Design RESTful APIs using RAML or OAS, ensuring they are scalable, maintainable, and secure.
* System Integration: Integrate various systems, applications, and data sources seamlessly using Mulesoft’s Anypoint Platform.

**Technical Leadership*** Lead Development Teams: Provide technical guidance and leadership to development teams throughout the project lifecycle.
* Mentorship: Mentor junior developers and provide training to the team on Mulesoft technologies and best practices.

**Stakeholder Collaboration*** Requirements Gathering: Work closely with business stakeholders to gather and analyse integration requirements.
* Solution Proposals: Communicate proposed solutions effectively to stakeholders, including technical and non-technical audiences.
* Vendor Management: Collaborate with third-party vendors and manage relationships as needed.

**Implementation and Deployment*** Configuration and Customisation: Design the configuration of Mulesoft components and connectors to meet specific project needs.
* Deployment Management: Manage the deployment of Mule environments and RAML specifications

**Quality Assurance*** Testing Strategies: Support the test team in defining and implementing testing strategies to ensure the quality and reliability of integration solutions.
* Performance Optimisation: Monitor and optimise the performance of Mule applications to ensure they meet performance benchmarks.

**Security and Compliance*** Security Implementation: Ensure that all integrations and APIs are secure, implementing authentication, authorisation, and data encryption as needed.
* Compliance: Ensure that integration solutions comply with relevant industry regulations and standards (e.g., GDPR, HIPAA).

**Documentation and Knowledge Management*** Technical Documentation: Create and maintain comprehensive technical documentation, including architecture diagrams, API specifications, service transition documentation, and deployment guides.
* Knowledge Sharing: Foster a culture of knowledge sharing by documenting lessons learned, best practices, and technical guidelines.

**Monitoring and Maintenance*** Monitoring Solutions: Implement monitoring solutions to proactively detect and resolve issues in integration environments.
* Continuous Improvement: Identify opportunities for improving integration processes and technologies, staying current with industry trends and advancements.

**Project Management*** Project Planning: Contribute to project planning activities, including estimating effort, defining timelines and deliverables.
* Risk Management: Identify and mitigate risks associated with integration projects.

**Strategic Alignment*** Technology Strategy: Align integration solutions with the organisation's overall technology strategy and business objectives.
* Innovation: Drive innovation by exploring new tools, techniques, and technologies that can enhance Mulesoft capabilities.
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| QUALIFICATIONS, EXPERIENCE, SKILLS / KNOWLEDGE |
| * Mulesoft Anypoint
* RESTful API design using RAML or OAS
* ERP integration experience. Microsoft D365 or SAP desirable.
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| PERSONAL ATTRIBUTES & BEHAVIOURS |
| * Excellent communication and presentation skills.
* Strong analytical and problem-solving abilities.
* Ability to lead and influence cross-functional teams.
* Capable of working effectively under pressure and meeting tight deadlines.
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| COMPETENCIES FOR SUCCESS |
| **Competency** | **Descriptors** |
| Values People | Demonstrates the belief that people are our most valuable asset and central to the success of the organisation. This person always treats everybody with dignity and respect. |
| Customer Focus | Demonstrates the understanding that the satisfaction of our internal and external customers is the foundation of our success |
| Flexibility & Adaptability | Have the ability to change and adapt their behavior or work procedures when there is a change in the work environment. |
| Initiative & taking ownership | Steps up to take on personal responsibility and accountability for tasks and actions. |
| Engaging others through change | This person can communicate a compelling vision throughout the organisation. They can generate genuine motivation and commitment and act as a sponsor of change. |
| Focusing on the future | Demonstrates enthusiasm about our future by identifying strategic issues, opportunities to drive sustainable, profitable growth, and managing risk.  |