

Job Title	Enterprise Data Architect
Department	Data
Reports to	Head of Data
Grade	Technical Tier 2
Purpose & Overview	Owns the organisation-wide data architecture vision, standards, and guardrails and delivers hands-on designs that get the data platform working in practice. Partners with Product & Governance, Delivery, Platform & Analytics, IT & Cyber and business domains to ensure architecture is coherent, interoperable, secure, performant, and compliant - applying a fit-for-purpose governance approach and enabling fast feedback from squads
Key Accountabilities	<p>Architecture Delivery</p> <ul style="list-style-type: none"> • Design and implement logical/physical data models (3NF, dimensional/star, data vault) for analytics and operational needs; maintain ERDs, dictionaries, and metadata • Define patterns for ingestion, transformation, and orchestration (batch, streaming, CDC); establish reusable integration standards (APIs, eventing, ETL/ELT) • Architect and optimise cloud data platforms (e.g., Microsoft Fabric/Azure), including storage tiers, compute, security boundaries, and cost/performance • Engineer for reliability and performance (partitioning, indexing, caching, SLA/SLO, DR/backup); support troubleshooting and incident response; document decisions (ADRs) <p>Enterprise Data Strategy & Standards</p> <ul style="list-style-type: none"> • Define enterprise data architecture principles, target state, and capability roadmap (governance, integration, modelling, MDM/RDM, analytics, AI/ML readiness) • Maintain standards, reference models, and approved technology patterns that balance speed and safety <p>Lean Architecture Governance</p> <ul style="list-style-type: none"> • Participate in design authorities; ensure solutions meet enterprise guardrails without unnecessary overhead • Maintain data domain maps and canonical models; arbitrate cross-domain design decisions quickly <p>Information Management & Data Quality (Embedded in Architecture)</p> <ul style="list-style-type: none"> • Ensure solution designs implement governance standards for metadata, lineage, catalogue integration, and data quality controls

	<ul style="list-style-type: none"> • Embed technical mechanisms for lineage capture, metadata registration, and automated DQ monitoring/remediation in platform and pipeline designs • Collaborate with Product & Governance Lead to align technical implementation with defined policies and stewardship models <p>Portfolio & Roadmap Alignment</p> <ul style="list-style-type: none"> • Shape multi-year platform and integration roadmaps; align investments to business outcomes in collaboration with Product & Governance and Delivery <p>Risk, Compliance & Security-by-Design</p> <ul style="list-style-type: none"> • Define data risk controls; ensure designs meet privacy, retention, classification, and audit expectations; apply IAM, encryption, key management, network controls, and masking <p>Enablement & Coaching (In the Code, With the Teams)</p> <ul style="list-style-type: none"> • Coach data architects/engineers; scale adoption of best practices and reusable assets; pair with squads and run proofs-of-value where needed • Run regular architecture huddles, pattern reviews, and ADR clinics with squads to accelerate learning and consistency
<p>Technical Know-How & Skills</p>	<p>Technical Skills</p> <ul style="list-style-type: none"> • Enterprise architecture methods (e.g., TOGAF), enterprise-scale data architecture, canonical modelling, MDM/RDM, lakehouse/warehouse strategies, data sharing/virtualisation • Integration tooling and orchestration (ETL/ELT, streaming, API/event-driven patterns); metadata/lineage/DQ tooling (e.g., Purview, Alation, Collibra, Informatica) • Cloud data platforms (Azure/Microsoft Fabric, AWS, Snowflake), performance engineering (partitioning, indexing, caching) and cost optimisation; Infrastructure-as-Code fundamentals (Terraform/Bicep) • Architecture governance & portfolio management; measurable reduction of technical debt <p>Leadership & Influence</p> <ul style="list-style-type: none"> • Communicates plainly with technical and non-technical stakeholders; balances speed with safety; applies a fit-for-purpose governance approach to enable delivery <p>Regulatory Knowledge</p> <ul style="list-style-type: none"> • Experience in regulated industries (utilities, finance, healthcare, government) and data management/governance expectations

<p>Qualifications</p>	<p>Qualifications</p> <ul style="list-style-type: none"> Degree in Computer Science/Information Systems (or equivalent experience) EA certification desirable (e.g., TOGAF) and relevant cloud/platform certifications <p>Previous Experience</p> <ul style="list-style-type: none"> Track record defining & governing data architecture across multiple programmes/domains and partnering with senior business stakeholders Significant hands-on experience guiding delivery squads on complex initiatives in cloud data services. 																		
<p>Job Dimensions</p>	<p>Performance Metrics</p> <table border="1" data-bbox="576 757 1497 1482"> <thead> <tr> <th>What You Do</th> <th>% of Time</th> <th>How You Measure Accomplishment</th> </tr> </thead> <tbody> <tr> <td>Deliver hands-on architectures & reusable patterns</td> <td>30%</td> <td>Approved designs; pattern adoption; low rework</td> </tr> <tr> <td>Define & maintain enterprise standards/target state</td> <td>25%</td> <td>EA artefacts approved; compliance audits; adoption rates; business value indicators (time-to-insight, cost-to-serve)</td> </tr> <tr> <td>Govern solution designs & align portfolio roadmaps</td> <td>20%</td> <td>Design authority outcomes; reduced technical debt; roadmap milestones</td> </tr> <tr> <td>Embed information management, DQ & security-by-design</td> <td>15%</td> <td>Lineage/catalogue coverage; DQ scores; audit readiness</td> </tr> <tr> <td>Coach & enable squads, support troubleshooting</td> <td>10%</td> <td>Maturity assessments; faster issue resolution; practitioner feedback</td> </tr> </tbody> </table> <p>Working Relationships</p> <ul style="list-style-type: none"> Head of Data: Strategy alignment and investment prioritisation Product & Governance Lead: Align standards with product priorities; integrate governance into architecture Delivery Lead: Design reviews, readiness gates, release implications Data Engineering & Analytics Lead / Engineering Squads: Solution alignment, roadmap clarity, incident support IT & Cyber / Security Architects: Policy alignment, risk assessments, secure design patterns Data Owners & Stewards / Business Domain Leaders: Canonical modelling, definitions, value realisation 	What You Do	% of Time	How You Measure Accomplishment	Deliver hands-on architectures & reusable patterns	30%	Approved designs; pattern adoption; low rework	Define & maintain enterprise standards/target state	25%	EA artefacts approved; compliance audits; adoption rates; business value indicators (time-to-insight, cost-to-serve)	Govern solution designs & align portfolio roadmaps	20%	Design authority outcomes; reduced technical debt; roadmap milestones	Embed information management, DQ & security-by-design	15%	Lineage/catalogue coverage; DQ scores; audit readiness	Coach & enable squads, support troubleshooting	10%	Maturity assessments; faster issue resolution; practitioner feedback
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	Competencies
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- Strategic systems thinking
- Pragmatic delivery mindset
- Clear communication and facilitation
- Influencing and negotiation across senior stakeholders
- Decision-making under ambiguity
- Enterprise risk awareness
- Strong collaboration in fast-paced environments