

Job Title	Fabric Platform Engineer
Department	Data Services
Reports to	Data & Analytics Manager
Grade	Technical Tier 1
Purpose & Overview	As a key member of the Data Services team at Wales & West Utilities (WWU), the Fabric Platform Engineer is responsible for administering, securing, optimising and continuously improving the organisation's Microsoft Fabric platform, Power Platform environments and associated data platform services Working within WWU's Microsoft ecosystem, you will ensure that the data platform remains secure, resilient, scalable and cost-effective, enabling analytics, reporting, operational decision-making and future digital capabilities across the organisation Acts as the technical owner of the Microsoft Fabric platform on behalf of Data Services, defining operational standards, deployment approaches, governance controls and platform engineering practices This role focuses on: • Administering and managing Microsoft Fabric capacities, workspaces, environments and platform settings. • Establishing and maintaining platform standards, governance controls and operational processes. • Designing and supporting DevOps, CI/CD and deployment frameworks across the data platform. • Implementing monitoring, observability and security controls to ensure platform reliability and performance. • Supporting Data Services teams through the provision of a robust, trusted and scalable platform. • Driving automation, operational efficiency and adoption of engineering best practice. • Managing platform performance, capacity utilisation and operational health. • Evaluating and implementing new Fabric capabilities and service improvements. You will work closely with Data Engineers, Analysts, Product & Governance teams, IT Operations, Cyber Security and Architecture colleagues to ensure WWU's data platform remains secure, compliant, well governed and capable of supporting current and future business needs
Key Accountabilities	Platform Administration & Operations • Administer and maintain Microsoft Fabric capacities, workspaces, domains, Power Platform environments and platform tenant settings • Ensure platform availability, reliability and resilience • Define and maintain platform standards and operating procedures

- Manage platform lifecycle activities including upgrades, releases and configuration changes, source control, test automation
- Support onboarding of new capabilities, projects and users
- Define and maintain environment lifecycle standards across Development, Test and Production environments

Platform Security & Governance

- Implement platform security controls, access management and segregation of duties
- Work with Product & Governance Lead, Cyber Security and IT teams to ensure compliance with corporate policies
- Support audit requests, access reviews and compliance activities
- Maintain monitoring and controls relating to data protection, information management and platform governance
- Implement and maintain Power Platform governance controls including DLP policies, environment management and access control

DevOps & Automation

- Own Data Services deployment standards and CI/CD frameworks
- Develop and maintain Azure DevOps pipelines supporting Fabric and analytics assets
- Automate platform administration and operational processes where possible
- Promote repeatable, reliable and governed deployment practices

Platform Engineering & Development

- Develop reusable platform components, accelerators and automation assets
- Create engineering solutions that improve developer productivity and platform adoption
- Build operational tooling, dashboards and self-service capabilities
- Develop scripts, APIs and integrations supporting Data Services operations
- Support creation of reusable Fabric assets, templates and engineering standards

Platform Performance & Optimisation

- Monitor capacity utilisation, performance and platform health
- Identify and resolve bottlenecks impacting service performance
- Support capacity planning and future growth requirements

	• Optimise platform usage, licensing and cost management Support & Enablement • Provide technical guidance and platform expertise to Data Engineers, Analysts and Power Platform Developers • Support incident investigation and problem resolution • Maintain platform documentation, standards and knowledge assets • Promote best practice adoption across Data Services Innovation & Continuous Improvement • Evaluate new Microsoft Fabric capabilities and recommend adoption where appropriate • Identify opportunities to improve platform reliability, usability and efficiency • Support proof-of-concept activity and emerging technologies • Drive continual improvement in platform operations and service delivery
Technical Know-How & Skills	Microsoft Fabric • Fabric administration • Capacity management • Workspace governance • OneLake • Lakehouse • Fabric Data Factory • Real-Time Intelligence • Fabric security model • Semantic model administration Power Platform Administration • Power Platform environments • Environment strategy and governance • DLP policies • Platform security and administration • Deployment pipelines • Tenant administration DevOps & Automation • Azure DevOps • Git • CI/CD • Source control • Release management • PowerShell • Python • Software development principles • API development and integration • Infrastructure as Code • Automation engineering

	Cloud & Infrastructure • Microsoft Azure • Entra ID • RBAC • Identity and access management • Monitoring and observability • Performance optimisation Security & Governance • Data governance principles • Security-by-design • Information management • Audit and compliance controls • Monitoring and logging Technical Leadership • Platform architecture awareness • Documentation standards • Technical mentoring • Stakeholder management
Qualifications	Education • Degree in Computer Science, Information Technology, Data Engineering or equivalent practical experience Desirable Certifications • Microsoft Fabric Analytics Engineer DP-600 • Microsoft Azure Administrator • Microsoft Fabric Data Engineer DP-700 • Microsoft Security certifications • Azure DevOps certifications Previous Experience Essential • Operating enterprise data platforms • Microsoft Fabric or Azure analytics platforms • Platform administration • DevOps and deployment automation • Monitoring and operational support • Security and governance controls Desirable • Administration and governance of Microsoft Power Platform environments • Data Engineering • Purview • Utilities sector experience • Infrastructure as Code
Job Dimensions	Performance Metrics

What You Do	% of Time	How You Measure Accomplishment
Platform administration & operations	25%	Availability, reliability, service performance, user satisfaction
DevOps & automation	20%	Deployment reliability, automation adoption, reduced manual effort
Platform engineering & development	20%	Reusable assets delivered, automation adoption, reduced manual effort, engineering productivity improvements
Security & governance	15%	Audit outcomes, compliance adherence, access control effectiveness
Performance optimisation & monitoring	10%	Capacity utilisation, performance improvements, cost optimisation
Platform enablement & support	5%	Incident resolution, onboarding success, stakeholder feedback
Continuous improvement & innovation	5%	New capability adoption, service improvements

Working Relationships

- **Data & Analytics Lead** - Technical leadership, roadmap and prioritisation
- **Product & Governance Lead** - Governance, standards and compliance requirements
- **Delivery Lead** - Delivery planning, release coordination and dependencies
- **Data Engineers** - Platform enablement and engineering standards
- **Power Platform Developers** - Platform integration and deployment support
- **Cyber Security Team** - Security controls and risk management
- **Enterprise Architecture** - Platform strategy and technology alignment
- **IT Operations** - Infrastructure, networking and operational dependencies
- **Microsoft & Delivery Partners** - Escalation support and roadmap alignment

Competencies

- Platform Engineering & Operational Excellence
- Technical Problem Solving
- Security & Governance
- Automation & Continuous Improvement
- Collaboration & Communication
- Accountability & Ownership
- Technical Leadership