

Job Title	IT Systems Developer (AEB)
Team	Information Technology
Reporting To	IT Systems Development Manager

About your role

The post holder will provide first class technical expertise to develop, implement and maintain the South Yorkshire Mayoral Combined Authority's AEB (Adult Education Budget) and Multiply (Adult Numeracy Skills Funding) platforms and databases to comply with national requirements of the Department of Education. The post holder will be responsible for the development and delivery of projects and initiatives including developing effective management reporting to ensure the services meets organisational requirements and strategic goals.

Why is your role important or how does it add value?

- Through development, delivery and maintenance of business process and system improvements
- Through development of new systems that supports AEB and comply with national requirements
- Challenging and developing IT Development processes and determining solutions
- Providing expert skills to deliver the development of management reporting for AEB and Multiply, ensuring the driving of continuous improvement across the organisation

What are the tasks or work areas you are responsible for?

- Pro-actively lead on the implementation, development and maintenance of the corporate AEB system, including but not limited to implementing solutions in line with departmental standards by undertaking the production of data, statistics and management information reporting.
- Seek out and lead on the strategic development of IT Development projects using appropriate development methodologies wherever appropriate to assist the department to deliver the objectives of the corporate and strategic business plan.
- Support the development of products as part of an ITIL Service delivery methodology, working towards organisational and industry standards for design, configuration management, resilience quality control and programming.
- Member of the team responsible for the design, planning, development and delivery of the organisation's corporate websites and online services.
- Investigate, prepare and effectively present information for AEB to a variety of audiences, including internal and external stakeholders with differing IT skill levels in order to aid understanding of customers.
- Examining changes in business requirements for AEB to assess and continually review the business and cost implications arising from changes, ensuring an effective service provision.
- Ensure effective IT security is designed into any solutions and systems to actively maintain security of systems and data within the application environment. To protect the organisation from data security violations (GDPR/DPA18) and its reputation

<ul style="list-style-type: none"> Responsible for the creation and maintenance of relevant planning and process mapping documentation and reporting for AEB to assist the department maintaining business continuity.
<ul style="list-style-type: none"> Actively determine and advise the IT Systems Development Manager in identifying appropriate technology frameworks and architectures to deliver quality and effective online services to meet organisational goals for short- and medium-term plans.
<ul style="list-style-type: none"> Carry out ITIL problem management to completion regarding any issues arising that affect delivery of the IT service to ensure systems work effectively with minimal downtime, using own judgement when handling unforeseen complications.
<ul style="list-style-type: none"> Negotiate and liaise with suppliers, contractors, and external providers to ensure best value and service for the organisation and customers.
<ul style="list-style-type: none"> Actively participate and work collaboratively in the IT Development team and departmental decision making along with other employees across the organisation.
<ul style="list-style-type: none"> Pro-actively manage own allocated workload and available resources, to continuously meet deadlines, objectives, and service level targets.
<ul style="list-style-type: none"> Any other duties commensurate with the post as directed by the IT Systems Development Manager.

About You

What kind of behaviours are important?	
Ambition	Does not give in easily, prepared to stick at things to get something finished - persistent.
	A consistent and persistent focus on what matters most for delivery.
Innovative	Urgency in identifying problems and finding imaginative ways to solve them – avoiding added bureaucracy or unnecessary work.
	Demonstrate good judgement, capable of making quick decisions with limited information to ensure initiatives are implemented
	Willing to be challenged by colleagues – and to bring constructive challenge and support.
Integrity	Organised and structured in how they work, demonstrating good personal time management.
	Consistently apply a high level of attention to detail even when faced with time pressures
	Able to balance conflicting demands on their time, prioritises their workload well.
Collaborative	Open minded to the ideas, contribution, or comments from colleagues, does not dismiss what others have to say.
	Willingly adapts their style to suit different situations.
Flexible	Moves quickly to get things done, invests additional effort if needed to meet a deadline or a goal.
	Open minded and receptive to new ideas and suggestions, acknowledges the benefit of change even if they have personal concerns.
Impact	Understands the purpose of the organisation, knows the vision and the strategic intention of the organisation.
	Sees opportunities to make processes or how they work better, speaks up and shares their ideas.

What qualifications or wider knowledge do you need?	E/D	A/I
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Educated to A Level standard in a relevant subject or equivalent (including GSCE's (A to C) including English & Maths or equivalent)	E	A
Recognised qualification in an appropriate subject preferably at degree level	E	A
Knowledge and understanding of developing and supporting client and server-side web applications (ASP.NET MVC, ASP.NET core, C#, HTML, JavaScript, JQuery, XML and structured file formats , CSS)	E	A/I
Knowledge and understanding of databases and the ANSI SQL language to modify scripts, support multiple SQL server environments and perform operations	E	A/I
Knowledge and understanding of Management Information Reporting	E	A/I
Understanding of the implications of legislation affecting IT use, including the GDPR, Equality Act, Computer Misuse Act, WCAG Accessibility Guidelines and appropriate health and safety legislation	E	A/I
Knowledge and understanding of SSL and web security in a web server environment	E	A/I
Knowledge and understanding of the principles of project management	D	A/I

What previous experience is needed?	E/D	A/I
Proven experience of working in a fast-paced IT team, working with complex and multi-server environment	E	A/I
Previous experience of developing ASP.NET, MVC, ASP.NET core, C#	E	A/I
Proven experience of maintaining and configuring web services, IIS, SQL and search servers.	E	A/I
Previous experience of using web technologies, HTML, CSS, code repositories – GIT and Dev-Ops and the .NET framework	E	A/I
Previous experience of using and working with JavaScript, jQuery, XML and Structured File Formats	E	A/I
Previous experience in using and developing relational database management systems and producing management reports	E	A/I
Proven experience of working using a structured project management or development methodology	D	A/I

What skills should you have?	E/D	A/I
Ability to operate IT industry standards and procedures involving the maintenance, tuning, security, accessibility, reliability, and recoverability of bespoke and business systems	E	I
Analytical skills sufficient to analyse the needs of business processes, individual users and departments and determine appropriate improvements and systems	E	I
Skilled analytical thinker with the ability to assess requirements and approach to suit the organisational needs	E	I
Skilled in producing quality documentation with excellent written communication skills, including management reports with the ability to adapt style to suit a variety of audiences/stakeholders	E	I
Ability to adopt an effective approach to problem-solving, adapting to changes in circumstances or information.	E	I
Ability to work on own initiative to manage own workload, prioritise work to deadline with strong organisation skills and deliver to a high standard with minimal supervision	E	I

Ability to analyse information and complex data to determine solutions	E	I
Strong ability to build effective and collaborative working relationships with internal and external stakeholders at all levels	E	I

Key

E = Essential / D = Desirable

A = Application form / I = Interview