<div align="center">

The Leicestershire College
Job Description

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1. Job Details

Job Title:	**Application Developer**
Competency Level:	**Business Support 3**
Job Number:	**92301**
Reporting To:	**BI Development Manager**
Department:	**IT Services**
Annual Salary (FTE):	**Up to £28,198 per annum (Plus discretional market supplement)**
Date:	**June 2019**

2. Job Purpose

The Business Intelligence (BI) Development team work to make the most of the colleges systems and data. This can be through integration developments which reduces manual work for our admin staff or reporting work which produces insights for management. This role will sit within the BI team to create applications and services which streamline the college's business processes.

The Application Developer will be tasked with designing and developing sustainable high-quality applications. This will be achieved by using C#.NET, and Microsoft SQL Server (C#.Net full stack development) with web based front end technologies (HTML, CSS & JavaScript). There will also be scope to use other technologies for mobile application development.
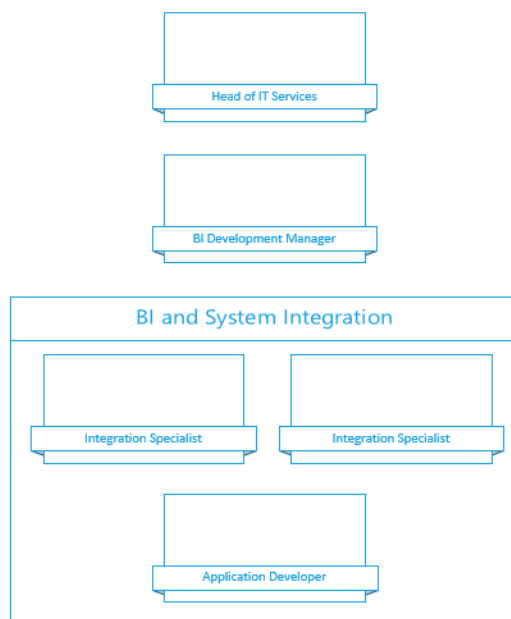
The developer will be working on new applications as well as re-developing and supporting VB.NET, C#.Net and Access applications. As the role is within the BI Development team you may be asked to support integration or reporting developments.

This is an exciting role where the developer will have control of much of the design and development of the applications. We are looking for an enthusiastic developer who will be encouraged to use the latest technologies, best practices and keep their skills sharp in a fast-moving industry.

3. Dimensions

    a. Work with the BI Development team to develop applications and services
    b. Re-develop and support existing applications
    c. Respond to and resolve application support tickets within the service level agreement
    d. Support the BI Development team with integration and reporting work when necessary

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4. Organisation chart

Head of IT Services

BI Development Manager

BI and System Integration

Integration Specialist   Integration Specialist

Application Developer

5. Key Responsibilities

- Delivery of new BI applications, features and functionality
- Re-develop existing applications
- Technical support for in house applications
- Developing bug fixes and performing maintenance tasks
- Ensuring documentation is maintained and kept up to date
- Ensuring work is in source control using Team Foundation Server (TFS)
- Create test plans for; and implement testing of in-house applications
- Gather and document application requirements form colleagues across the College
- Assisting the BI Development team by supporting reporting and system integration

6. Key Result Areas

Action	Result
Develop new applications	College has new applications (e.g. Student Progression tool) which can assist and stream line college processes
Re-develop existing applications	College systems are based on recent technologies so the systems are more efficient and have less security flaws. This will mean the college has more resilient systems.
Develop and deploy data error checking strategies	Data quality is kept to a high standard across all platforms
Respond to and resolve application support tickets within the service level agreement	Existing and new college applications which are vital to the day to day process of the college will be well maintained and supported minimising any down time.

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7. Key Working Relationships and Communications

Internal:
BI Development Team
Head of IT
IT Helpdesk
Managers and staff across the College (application stakeholders)

External:
Software suppliers
Technical support agencies

8. Scope for Impact

The BI development team is the single point of contact for all matters relating to SQL reporting and integration within the College. The BI Development team members ensure that college processes are streamlined and accurate data is maintained.

This role in particular will provide support for crucial systems such as the Register Scanning application and will create tools to further assist staff.

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9. Knowledge, Skills and Experience (Person Specification)

QUALIFICATIONS		ESSENTIAL	DESIRABLE	HOW ASSESSED
1.	Science, Maths or IT based degree or relevant work experience		•	Application
2.	C#.NET related qualifications or equivalent experience	•		Application
3.	HTML, CSS & JavaScript related qualifications or equivalent experience	•		Application
4.	Possess qualifications in Maths and English levels 4-9 (GCSE grades A-C) or equivalent	•		Application
EXPERIENCE				
5.	Experience of C#.NET	•		Application Interview Task
6.	Experience of using HTML, CSS and major CSS framework (e.g. Bootstrap 4, Foundation)	•		Application Interview Task
7.	Experience of JavaScript and major JavaScript framework (e.g. Angular, ReactJS, Vue.js)	•		Application Interview Task
8.	Experience of Microsoft SQL	•		Application Interview Task
9.	Gather user requirements and specify development work		•	Application Interview
10.	Problem solving skills and logical thinking	•		Application Interview Task
11.	Experience of technologies within the Microsoft BI stack (SSRS, SSIS, SSAS, TFS)		•	Application Interview
12.	Experience of Further Education IT systems and funding methodologies		•	Application Interview
SKILLS & KNOWLEDGE				
13.	Good organisational and time management skills	•		Interview
14.	Good communication skills (written and oral)		•	Interview
15.	Ability to work flexibly as part of a team and to work to deadlines	•		Interview
16.	Ability to prioritise workload to manage conflicting demands		•	Interview
BEHAVIOURS				
17.	Commitment to safeguarding and promoting the welfare of children, young people and vulnerable adults.	•		Interview
18.	Understanding of and commitment to Equality and Diversity	•		Interview

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Notes

1. A satisfactory Enhanced Disclosure & Barring Service check is required for this post. Loughborough College is committed to safeguarding and promoting the welfare of children and young people and expects all staff and volunteers to share this commitment.

2. Loughborough College retains the right as a condition of your employment to require you to undertake such other duties as may be expected of you in the post mentioned above, or in a similar post within the College.

3. This job description and person specification was prepared in **June 2019** and may be amended in light of changing circumstances following discussion with the post holder.

Job Description Agreement

Job Holder Signature		**Date**	
Manager Signature		**Date**	

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