JOB DESCIPTION

Job Title	Software Developer
Department / Team	IT / Software Development
Responsible to	Head of IT
Line Management Responsibility	None

Job Summary

The Software Developer's role is to develop and maintain business critical software applications and services across the Association, using Vue.js, C# .NET, ASP.net MVC, and T-SQL, with a strong focus on reliability, performance, and security. You will be responsible for ensuring that the functionality of current and future systems meet the business needs of the Association. You will work closely with colleagues across the Association to understand business needs, develop specifications, and prioritise work. You will aim to reduce repetitive work using automation and good systems design. You will assist with the development of information systems and IT services in general across the Association.

Key Responsibilities

1. You will participate in the full software development lifecycle, working closely with colleagues across the Association to conceptualise, prototype, and specify brand new systems, as well as enhancements to existing systems prior to starting development. You will continue working closely with colleagues during and after development to prioritise new features and bug fixes, and provide after-care, support, and training as necessary. You will assist in the end-of-life planning for legacy software and systems, and design and build replacements using modern web-based technologies where possible.

2. You will design and build reliable, high-performing, and secure software applications and services using Vue.js, JavaScript/TypeScript, HTML, CSS, C# .NET, ASP.net MVC, and T-SQL.

3. You will create simple to use, well documented, and maintainable software, adhering to best practice and accepted coding standards.

4. You will thoroughly test new systems throughout the development process, and provide training and documentation to end-users, power-users, and administrators.

5. You will provide and maintain user manuals and documentation of the coding, setup, and use of all software and processes created.

6. You will communicate with your colleagues in the Software Development Team using instant messaging, email, and version control.

7. You will complete all assigned support tickets and bug reports to a high standard in a timely manner.

8. You will co-operate with periodic reviews of this job description.

Requirement	Essential	Desirable
Education, Training, and Qualifications	• Degree in a relevant discipline (e.g., Computer Science, Software Engineering), or previous experience in a similar role	

Skills and Knowledge	• Strong coding skills in the following programming languages and frameworks:
	  - .NET Framework / Core / 5+
	  - C#
	  - ASP.net MVC
	  - SQL (ideally T-SQL)
	  - Vue.js 2+, React, Angular, or similar
	  - Bootstrap
	  - JavaScript / TypeScript
	  - HTML & CSS
	• Working knowledge of relational databases
	• Working knowledge of Windows Server and IIS
	• Working knowledge of GitHub or other version control systems
	• Strong problem-solving skills
		• Coding skills in the following programming languages and frameworks would be advantageous:
		  - VBA
		  - PowerShell
		  - SQL Server Reporting Services
		  - SQL Server Integration Services
		  - SQL Server Analysis Services
		  - Any other languages, frameworks, or technologies
		• Excellent knowledge and skills in SQL Server relational databases
		• Knowledge and/or experience of Agile working methodologies

Experience	• Experience developing and maintaining business critical systems at a similar scale
	• Experience working with colleagues at all levels in the organisation to understand business needs, create effective solutions, and automate business processes
	• Experience creating technical documentation for fellow developers, as well as documentation for end-users
		• Experience working with legacy code and applications, while planning, designing, and building modern replacements
		• Experience working in the public or third sector, e.g., Social Housing, Local Government, Charities, etc.
		• Experience working with line of business software applications:
		  - Finance systems
		  - Housing Management systems
		  - Asset Management systems
		  - HR systems
		  - Mobile Form systems

Personal Attributes	• Relationship orientated, a good listener and communicator who can adapt their approach to the target audience • Accurate and methodical • Analytical, enquiring, and curious • Not afraid to ask questions • Willing to take the initiative • Ability and drive to self-learn • Self-disciplined and comfortable working with minimal supervision, whether autonomously or in a team • Adaptable by nature with persistence to see a task through to a timely conclusion • Self-controlled and capable of communicating facts within the required area of knowledge and expertise • An advocate of best business and technical practice	