

JOB DESCRIPTION

Job Title: Senior Software Engineer

Grade: O

Responsible to: Solution Delivery Manager.

Job Purpose:

To be an application/database developer, and expand the delivery capabilities of Falmouth Exeter Plus and its partner organisations. The applicant will need to be bright, imaginative, and capable technologist with good communication and customer engagement skills who can develop and enhance existing business process by applying technical solutions.

The position requires at least 5 years of experience in the field or in a related area. You should have a working knowledge of relational databases, web and client-server concepts, and be able to rely on experience and judgment to plan and accomplish goals.

Main Duties and Responsibilities:

Delivering quality and integration within the solution architecture, including solution design and communications.

Responsible for development and support of the interface between applications, legacy systems, component libraries, content repositories and supporting databases

Liaison between the customers, vendors, project management and the technical team on questions, issues, revisions to the solution architecture

Work with project management and customers on the solution architecture options, their impacts and decisions

Advise project management and the client on the impact of new technologies on their existing technical and information system environment

Oversee the integration of the new business solution with legacy (existing computer) systems to satisfy customer requirements

Work closely with the Technology and Innovation Manager, Solution Delivery Manager and Infrastructure Manager to evaluate key technology decisions.

Work closely with project management and development teams to assist the planning and review of project schedules, project reviews and gap analysis.

Take responsibility for the key phases of design, development, deployment and testing of key projects.

Provides overall design principles and guidance for software and hardware integration, performance design, reliability design, manageability design and security design

Effectively manages workload to support and develop core IT Services

Defines application subsystems and major components

Maintains the overall architecture (applications, data, and technical infrastructure) of the project and knows what the system components are and how they fit together

Creates and documents interface specifications and ensures they are published and controlled

Development of interfaces for the different components so they meet interface specifications

Co-ordinates interface design and back-end application design and development

To maintain a first class level of customer service ensuring that all customers are treated efficiently and in an appropriate manner.

To participate in the Annual Performance Development Review Process.

To actively support equality and diversity policies of Falmouth Exeter Plus.

To attend training courses as identified and agreed for appropriate development.

Working within the Health and Safety at Work Act, the postholder has a legal duty to take reasonable care for Health and Safety both for themselves and others who may be affected by their actions. They are also required to undertake Health and Safety training commensurate with the level required by the post and to take part in risk assessment procedures and the implementation of agreed recommended work practices within the area.

| Undertaking other duties not specifically stated which from time to time are necessary without altering the nature or level of responsibility.

PERSON SPECIFICATION
Post Title: Senior Software Engineer

Attributes	Essential Requirements	Desirable Requirements
Education / Qualifications	A degree level education or equivalent demonstrable relevant experience.	
Experience / Knowledge	<p>Significant work based IT development experience .</p> <p>Proven experience with Microsoft .NET technologies including, ASP.NET/ ADO.NET.</p> <p>Preferable Languages: C#, VB.Net, SQL/T-SQL, JavaScript/DHTML, VBScript, HTML, XML, SSIS, SSRS.</p> <p>Experience developing online/windows based solutions and system integrations.</p> <p>Demonstrable experience in backend software design in some of the following: SQL Server, Stored procedures, ASP.NET, VB.NET, C#.</p> <p>Excellent knowledge of SQL/Oracle including database design & administration.</p> <p>Working experience with Content Management Systems/SharePoint/Software Source Control.</p> <p>Experience of managing multiple projects with multiple deadlines.</p>	<p>Experience with front end UI design.</p> <p>SQL Data Warehousing/BI stack.</p> <p>Mobile App development.</p>
Skills / Personal Requirements	<p>Ability to complete all phases of software development life cycle including analysis, design, functionality, testing and support.</p> <p>Ability to develop large scale web/database applications.</p> <p>Ability to communicate clearly with people at all levels of an organisation and with different levels of knowledge.</p> <p>Ability to construct user guides and documentation.</p> <p>Ability to innovate and provide functional applications with intuitive interfaces.</p> <p>E-commerce integration skills.</p>	

