Role Definition

Job Title: Senior Applications Developer
Reporting to: Head of Information Systems on a day to day basis and ultimately to Head of Technology

The Information Systems team produces dynamic, mainly web based, database driven applications for all areas of the business from Board level to design teams to support groups, so represents an opportunity to be involved in a wide range of development challenges. The role of Senior Applications Developer includes the development of compelling database driven applications, presenting complex data in a format which can be easily understood and navigated by our staff across a variety of devices. The successful applicant will be expected to advise and mentor junior members of the team in good programming practices and must be self-motivated, proactive and have excellent communication and organisational skills.

Responsibilities
- Assist with the creation and maintenance of the Information systems team's in-house developed web and windows applications according to a pre-determined brief
- Work with the Head of Information Systems and our end users to define these application specifications and agree on the appropriate development platform
- Investigate appropriate new technologies and their application for Foster + Partners ("F+P")
- Assist the Head of Information Systems as necessary in defining methods of integrating the various disparate F+P applications, some 3rd party, some home-grown
- Document applications for technical staff and end-users
- Thorough knowledge of and compliance with F+P procedures and standards
- Contribute, or otherwise assist, as required
- Responsible for gathering new applications requirements for discussion in the team
- Advise on the new programming techniques
- Ensure team members are maintaining required coding standards

Qualities, Skills and Experience required
Essential
- Able to demonstrate ability to undertake the above responsibilities
- Legally able to work in the country in which the position is based
- Familiarity with Agile and DevOps development methodologies
- Expert knowledge of the following:
  - C#, ASP.Net, MVC using Visual Studio
  - Software best practice, design pattern, TDD
  - JavaScript, JQuery, CSS and latest Javascript framework EG Angular
  - MS SQL Server and RDBM EG EntityFramework, LINQ to SQL
  - Azure development platform
  - Web applications and Web Services running on IIS
  - Source code technology such as Mercurial, Git, Visual Studio Online
- Able to design and develop complex corporate level database applications using SQL Server, the majority of which will be web applications
- Exposure to Extracting, Transformation and Analysis of data from several disparate sources (Data manipulation)

- A strong interest in embracing new technologies to develop compelling database driven applications
- Able to support development of existing in-house developed and some 3rd party applications
- Able to demonstrate leadership skills required to mentor more junior team members
- Commitment to ongoing personal development and willingness to learn new skills
- Resilient and able to cope with conflicting demands
- Able to demonstrate initiative and a proactive approach
- Good interpersonal skills and able to work independently and as part of an effective team
- Methodical, accurate and consistent attention to detail
- Flexible attitude
- Able to manage sensitive and sometimes confidential information
- Able to build good relationships at all levels, internally and externally
- Appreciation of, and commitment to the business of the Practice
- Empathy with a creative environment

Desirable
- Knowledge of the Microsoft Office suite and the ability to use all products to scripting level
- Knowledge of C++ could be useful
- Knowledge of mySQL databases would be useful
- Basic knowledge of iPad / iPhone development
- Familiarity with the automation of CAD packages and other graphic applications such as Adobe Indesign and Microstation would be advantageous

This description reflects the core activities of the role but is not intended to be exhaustive. Job descriptions may be reviewed annually and where necessary revised in accordance with organisational needs. Any major changes will be discussed with the post holder.

November 2016