| Reference
SELQA047 | **SAVANT ENTERPRISES LTD**
QUALITY RECORD | Csavant |
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| Issue
1.0 | **Title**
JOB DESCRIPTION | Date
05/12/23 |

PULSE Software Developer Post

About Savant Ltd

Savant has been an employee-owned company since 2001 and is now wholly owned by the Savant Employee Benefit Trust (EBT) – to which all eligible staff belong. This enables our employees to share in the success of the business. We are an established SME which supplies software and database development, support services and consultancy expertise for life and business critical systems. We also have extensive experience of implementing technologies for a wide range of infrastructures from national data centres to smart phones.

Summary of Position

Our growing business requires a talented and enthusiastic permanent full-time developer to work on varying projects ranging from life-critical large-scale developments to web applications and small apps catering to a growing customer base. For the right candidate they will work on a range of projects with other highly motivated software developers, contributing to technical design sessions, development, maintenance, testing and a degree of customer support as and when necessary. They should have the ability to:

- Demonstrate knowledge of the technical requirements listed below.
- Possess a strong motivation to combine the art of design with the art of programming.
- Show a flair for designing and implementing visual elements of application design.
- Have the ability to work independently and multi-task effectively.
- Be flexible and willing to accept a change in priorities as necessary.

You will work with the development team to build function rich applications, which build on Savant's solid reputation for developing slick, well-designed software and apps. The position requires flexibility, reliability and along with problem solving skills, the ability to work in a busy environment under pressure. There will be a high degree of autonomy and self-management expected. The successful candidate will report to the PULSE Co-Ordinator/Development Director.

Salary:	£35,000 to £45,000/annum (Negotiable <u>Dependant on Experience</u>) + annual bonuses, Private Health Insurance, and other benefits
Location:	Burton-in-Kendal, Cumbria
Type:	Permanent (All Applicants must be free to work within the UK free from any restrictions of Visas and work permits.)

Duties & Responsibilities:

The position will be responsible for:
- The design and development of user-facing features;
- Design and development of server-side code;
- Building reusable code and libraries for future use;
- Ensuring the technical feasibility of UI/UX designs and related code;
- Optimisation of applications for maximum speed and scalability;
- Developer testing and validation processes;

- Collaboration with other team members, customers and stakeholders.

Required Skills:

- Experience level 5+ years
- Strong .Net development skills using C#
- UI development using WPF, XAML and MVVM
- Entity Framework Core
- API design and development
- Knowledge of database development techniques
- Knowledge of OOP best practice and design principles
- Knowledge of source control packages such as Git or Team Foundation VC;
- Writing unit tests and other forms of testing
- Azure (preferred but not essential);

Desirable Skills:

- DOCKER
- Kubernetes
- CI/CD via Azure DevOps
- Web Servers (IIS) and Windows Server
- Active Directory

Demonstrable Skills:

- Designing the architecture of the components of an application;
- Testing code and applications against differing browsers and environments;
- Problem solving and investigation, documenting and fixing bugs in existing projects;
- Testing new features thoroughly to ensure they perform the correct task in all cases;
- Running performance benchmarking tests;
- Reviewing colleagues' code;
- Liaising with other developers and project staff for progress updates;
- Gathering requirements from clients and users and attending workshops with customers/other developers;
- Learning and testing new technologies, frameworks and languages and staying up to date with new trends and advancements in development;
- Building and maintaining databases;
- Refactoring and optimising existing code;
- Documenting code so other developers can understand and contribute to it;