

SOFTWARE ENGINEER

Salary	£25,000 - £40,000/annum (dependent on experience), pension Annual leave: 21 days plus bank holidays.
Location	Chesham, Buckinghamshire
Company	SHJ Medical Gas Specialists is a leading supplier of medical gas pipelines, solutions and services, and a market leader in remote monitoring and energy saving technologies. We are committed to the highest standards of care and support for our customers and invest heavily in R&D to remain at the forefront of our industry.
Job description	<p>We are seeking a Software Engineer to assist our R&D team in the development of our products. The purpose of this role is to develop the ways that software functions created by the design team will work.</p> <p>The role requires someone who can work with our designers to consolidate disparate program functions into a unified whole; map out programming tasks, which will then be combined into larger functioning programs or new features for existing software; and work in the design and development stages of software creation.</p> <p>During the design phase, the design team will work with the Software Engineer to help determine the key tasks the program will be expected to perform. The engineer will help plot out various aspects of automated tasks, using design documentation and flowcharts.</p>
Experience required	To be considered for this role you will have a bachelor's degree in computer engineering, software, maths or science as well as broad experience with computer systems and applications. You will have a minimum of 2-5 years "hands-on" experience working with software solutions in a fast-paced industrial environment.

Key Skills

- Programming knowledge of modern languages such as Java, C, C++, PHP and Python. Capability to read and modify source codes.
- Knowledge of network infrastructure and cloud computing.
- Experience working with different embedded systems.
- Operations analysis - analysing needs and product requirements to create a design.
- Systems analysis - determining how a system should work and how changes in conditions, operation and the environment will affect outcomes.
- Quality Control analysis - conducting tests and inspections of products, services or processes to evaluate quality or performance.
- Technology design - generating or adapting equipment and technology to serve user needs.
- Equipment selection - determining the kind of tools and equipment needed to do a job.

- Installing equipment, machines, wiring or programs to meet specifications.
- Excellent critical thinking, analytical and problem-solving abilities. Using mathematics to solve problems.
- Excellent communication, interpersonal, negotiating and influencing skills.
- Project management experience.

Key Attributes

- Results-orientated with the ability to plan and deliver against project deadlines.
- Self-motivated, with excellent time management skills and the ability to work well under pressure.
- Resilient, self-aware, optimistic and open to change.
- Confident, assertive and self-assured.

Contact

Please contact Yingying Scopes on 01494 782168 for more details.