Software Developer

Salary Range: £40,000 - £50,000   Location: Harrietsham, Kent

The Story:

Established in 1976, Bedfont is an award-winning medical technology company based in Harrietsham, Kent. Its breath analysis medical devices are exported globally thanks to its network of carefully selected distributors.

The Challenge:

Healthcare is evolving and the market for breath analysis monitors is expanding. Bedfont are looking for hard-working, like-minded, and passionate individuals to join the Bedfont Family to help achieve its goal of innovating healthcare worldwide.

The Benefits:

- 25 days paid holiday plus bank holidays
- Private healthcare
- Optical allowance
- Pension scheme
- Bonus scheme
- Hybrid Working
- Employee Assistance Program
- Rewards App
- Social events
- Well-being warriors
- Bike-to-work scheme
- Employee awards
- Free on-site parking
- Training & Development Opportunities
- Uniform

Your Mission:

The Software Developer creates innovative software solutions to enhance patient care management through databases, facilitates patient testing processes and ensures seamless IoT across various healthcare systems. They design intuitive and user-friendly graphical user interfaces (GUIs) to improve user experience and efficiency in healthcare applications. They do this through a strong foundation in software development, a keen understanding of healthcare compliance standards, including IEC 62304, and a dedication to improving patient outcomes.

Roles and Responsibilities:

- Design, develop, and maintain software applications specifically tailored for managing patient databases, supporting patient tests, and networking medical devices.
- Collaborate with cross-functional teams, including clinical specialists, to define system requirements and integrate medical protocols and compliance standards, such as IEC 62304 and HL7, into software designs.
- Implement robust security measures to protect sensitive patient data in compliance with HIPAA, GDPR, Cybersecurity and other regulatory standards.
- Develop user-friendly interfaces for both patients and healthcare providers, enhancing accessibility and usability.
- Conduct thorough testing and debugging of applications to ensure reliability and functionality across multiple platforms and devices.
- Maintain documentation throughout the software development process to ensure adherence to industry standards and facilitate maintenance and upgrades.
- Provide ongoing maintenance, support, and enhancements in existing software and platforms to adapt to evolving healthcare needs.
- Stay updated with the latest advancements in medical technology and software development to propose and implement innovative solutions.

Our family, innovating health, for yours.

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Qualifications and Experience:

- A bachelor's degree in Computer Science, Software Engineering or a related field preferred
- Preferred proven 5+ years' experience in software development, with a portfolio of relevant projects
- Prior experience in the healthcare or medical device industry desired

Valuable Expertise:

- Strong programming skills in languages such as C#/.NET, C++, Python, Java and/or similar
- Experience with database management systems and knowledge of SQL and NoSQL databases
- Familiarity with healthcare IT standards, HIPAA compliance, data privacy laws, and specifically IEC 62304 standards for medical software development
- IoT USB, BTLE & HL7 integration
- Proficiency in developing and consuming APIs for integrating diverse systems
- Excellent problem-solving abilities and attention to detail
- Strong communication skills, written and verbal, and capability of working collaboratively in a team environment
- Competency in report writing
- A keen interest in engineering and understanding of engineering best practices and test methodologies
- Experience with .NET 6 (multiple operating systems, including Windows, Linux and macOS)

In addition, employees may be required to undertake other duties as may reasonably be required of them. In these circumstances training will be given where it is considered.

Bedfont® Scientific Ltd. does not and will not discriminate in the recruitment or managing of staff on the basis of race, colour, religion, gender, age, disability, marital status, sexual orientation and more. We are an equal opportunity employer and Bedfont® regards every employee as a member of the Bedfont® family and is committed to providing a fair, safe, diverse and welcoming atmosphere. Our application process has been designed so that everyone is able to demonstrate their skills and how they meet the criteria required for the job advertised. If you are interested in applying for this role, please visit https://www.bedfont.com/careers to apply.

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