

# Senior Software Developer

Salary Range: £50,000 to £65,000

Location: Harrietsham, Kent

## Hybrid Working Opportunity

This role is hybrid, requiring the successful candidate to attend our Harrietsham office three days per week, with the flexibility to work from home up to two days a week once deemed competent to work independently. Applicants must be UK-based and live within a practical commutable distance of our office.

## Interviews

The job advert closes on **7<sup>th</sup> February 2025**, with 1<sup>st</sup> stage telephone interviews during the week commencing **10<sup>th</sup> February 2025** and 2<sup>nd</sup> stage face-to-face interviews during the week commencing **17<sup>th</sup> February 2024**.

## 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 medical insurance
- Subsidised health checks
- Annual optical allowance
- Pension scheme
- Bonus scheme
- Hybrid working
- Employee Assistance Programme (EAP)
- Rewards app
- Referral bonus
- Charity days
- Home office setup allowance
- Social events
- Well-being warriors
- Well-being garden and room
- Cycle to work scheme
- Employee awards
- Free on-site parking
- Training & development opportunities
- Free uniform
- Subsidised Celler8 device
- Subsidised kids club
- Time in service annual leave bonus
- Enhanced Maternity and Paternity Pay

## Your Mission:

As the software developer in the Technical Team at Bedfont Scientific Ltd you will create innovative software solutions. You will predominantly be creating desktop applications to interface with Bedfont's medical devices using USB and Bluetooth protocols. In collaboration with the Graphic Designer, you will design intuitive and user-friendly graphical user interfaces (GUIs), enabling storage of patient results and communicating with hospital systems.

## Roles and Responsibilities:

- Design and develop new desktop software applications specifically tailored to interface with Bedfont's new and existing medical devices.
- Maintain existing desktop software applications.

## Bedfont® Scientific Ltd.

Station Yard, Station Road, Harrietsham, Kent, ME17 1JA, England. Tel: +44(0)1622 851122 Fax: +44(0)1622 854860 Email: [ask@bedfont.com](mailto:ask@bedfont.com)

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- Collaborate with small cross-functional teams, including R&D, Regulatory Affairs and Marketing to define system requirements.
- Develop user-friendly interfaces for both patients and healthcare providers, enhancing accessibility and usability.
- Implement robust security measures to protect sensitive patient data in compliance with HIPAA, GDPR, Cybersecurity and other regulatory standards.
- Conduct testing and debugging of applications to ensure reliability and functionality across multiple platforms and devices prior to prerelease testing.
- Create and maintain documentation throughout the software development process to ensure adherence to industry and medical device standards (such as IEC 62304).
- Responsible for reporting the latest advancements in software languages, development tools and vulnerabilities.
- Participate in Technical Team Innovation Days specifically focused on developing cutting-edge technology.

## Qualifications:

- A bachelor's degree in Computer Science, Software Engineering or a related field preferred

## Mandatory Expertise:

- Proven 5+ years' industry experience in software development, with a portfolio of relevant projects
- Strong programming skills in languages C# and .NET
- Interfacing with external hardware over Bluetooth and USB protocols
- Competency in technical documents
- Experience with minimum .NET 6 (windows)
- Excellent problem-solving abilities and attention to detail
- Strong communication skills, written and verbal
- Capability of working independently and collaboratively in a team environment

## Desirable Expertise:

- Prior experience in the healthcare, medical device or a regulated industry
- Experience with database management systems
- Programming skills in languages such as C++, Python, Java and Dart
- Familiarity with healthcare IT standards, HIPAA compliance, data privacy laws and specifically IEC 62304 standards for medical software development
- Experience in HL7 integration
- A keen interest in engineering, understanding engineering best practices and test methodologies
- Experience with .NET 6 (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<sup>®</sup> 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<sup>®</sup> regards every employee as a member of the Bedfont<sup>®</sup> 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. All successful candidates will be subject to a digital ID and DBS

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check. If you are interested in applying for this role, please visit <https://www.bedfont.com/careers> to apply.



*Our family, innovating health, for yours.*

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