- Job Description Summary

The Software Engineer in BD's Integrated Diagnostic Solutions (IDS) team, you will help build / Maintain a middleware platform that connects medical devices with hospital systems, supporting advanced diagnostic capabilities. Working in an Agile environment, you'll contribute across the full software development lifecycle—designing, coding, testing, and maintaining applications using technologies like C#, ASP.NET, WPF and SQL Server. This role combines hands-on technical work with collaboration across geographically distributed teams, requiring strong communication skills, a proactive approach to problem-solving, and a commitment to continuous improvement and innovation in healthcare technology.

- Job Description

We are the makers of possible

BD is one of the largest global medical technology companies in the world. Advancing the world of health™ is our Purpose, and it's no small feat. It takes the imagination and passion of all of us—from design and engineering to the manufacturing and marketing of our billions of MedTech products per year—to look at the impossible and find transformative solutions that turn dreams into possibilities.

Why join us?

A career at BD means learning and working alongside inspirational leaders and colleagues who are equally passionate and committed to fostering an inclusive, growth-centered, and rewarding culture. You will have the opportunity to help shape the trajectory of BD while leaving a legacy at the same time.

To find purpose in the possibilities, we need people who can see the bigger picture, who understand the human story that underpins everything we do. We welcome people with the imagination and drive to help us reinvent the future of health. At BD, you'll discover a culture in which you can learn, grow and thrive. And find satisfaction in doing your part to make the world a better place.

Become a maker of possible with us!

Our vision for Integrated Diagnostic Solutions at BD

By aligning and simplifying our work, our Integrated Diagnostic Solutions (IDS) business unit aims to drive growth and innovation around everything from integrated specimen management to diagnostic solutions.

About the role

As a Software Engineer at BD, you will play a critical role in advancing our vision of streamlining and innovating diagnostic technologies. You will join a dynamic Agile team focused on developing / maintaining a robust middleware platform that bridges medical devices with hospital Laboratory Information Systems (LIS). This high-impact role requires strong expertise in development using C#, ASP.NET, WPF, as well as a solid understanding of the software development lifecycle. Your contributions will support the delivery of diagnostic solutions that improve patient outcomes and healthcare efficiency.

In this role, you'll work closely with Product Owners and partners to estimate, plan, and deliver key tasks throughout the project timeline. You will lead by example in writing clean, maintainable code and mentoring peers through complex technical challenges. From creating architectural designs and maintaining technical documentation to exploring emerging technologies, your work will drive continuous improvement and innovation. This role also requires effective communication with multi-functional teams and non-technical collaborators, ensuring transparency and clarity throughout the development process.

Main responsibilities will include:

- Collaborate with Product Owners and partners to determine estimation and define project achievements, work, and timelines.

- Actively contribute to coding and development tasks.

- Address complex technical challenges and effectively resolve issues.

- Keep all user documentation current and detailed.

- Stay abreast of the latest trends and advancements in software development and share that learning with the team. Explore and adopt new technologies and methodologies where applicable.

- Communicate effectively with non-technical collaborators, translating complex technical concepts into understandable terms. Provide regular updates on project progress and technical issues.

About you

- Strong technical expertise and a minimum of 3 – 5+ years of experience in C#, ASP.NET, WPF and .NET Framework.

- Experience with Microsoft SQL Server.

- Applicants should possess experience in writing unit/integration tests and developing applications using a development approach that priorities testing.

- Experience with source control systems such as Azure DevOps and Git.

- Ability to perform, implement and support higher and lower environments across a multi-layered team spanning multiple geographical locations

- Must have excellent interpersonal skills, decision-making, and problem-solving skills.