

## About Us

BD Kiestra is part of Becton Dickinson (BD), a medical technology company that operates globally. BD Kiestra develops and produces high-quality, innovative automated laboratory systems for medical bacteriological laboratories. By automating laboratories, large quantities of samples are efficiently processed to enable faster patient treatment.

*Our mission is to advance the world of health.*

## Why Choose BD?

BD Kiestra is an innovative company with enthusiastic, dedicated colleagues who have strong ties with the entire organization. The company has a pleasant, informal atmosphere where, as an employee, you have the opportunity and responsibility to take initiative and use your creativity. We build machines that can save patients' lives by finding out earlier which medication helps!

## Department

The R&D department consists of experienced electrical, software, and hardware engineers who are involved in developing new and improving existing BD Kiestra machines. Regularly, questions arise from customers that are initially answered by the Service Department and sometimes also by R&D.

## Assignment Description

We offer the unique opportunity to be part of our innovative team and work on the development of an advanced AI driven system that allows users to query quality procedures for medical device software. This system should be able to learn our quality procedures for medical software and support users via a web interface in asking questions such as "What documents need to be delivered with a software release?" or "Who needs to sign a Software Detailed Design?".

## Core Activities

- Researching which AI system best fits the requirements.

- Design and develop the AI-based system.
- Implement a user-friendly web interface.
- Integrate quality procedures and documentation for medical software.
- Test and validate the system to ensure it provides accurate and reliable answers.
- Your work will be reviewed, and you will receive constructive feedback from experienced colleagues.

## **Interested?**

Then, send an email with your CV and motivation to [willem.kaal@bd.com](mailto:willem.kaal@bd.com). We will respond to your application within a few days.

## **Contact**

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