

Involvement from the initial design stage

"As a System Architect, you are responsible for all technical aspects of a product. I and my team start by looking at the functional requirements the customer has defined for a particular component. We develop a technical concept that meets those requirements. Next, I work with the engineers to assess how the concept can be implemented and verified for the system that our customer is developing.

This year, due to the coronavirus outbreak, the way we work as a team changed significantly. This new way of working is challenging, but has also revealed the strength of our collaboration as a team. Even though we do not meet up physically as often as before, everybody is aware of their colleagues' home situations and we look out for each other. That says something about the culture at Neways. We have shared ambitions as a team, but don't compete with each other in order to shine individually. Everybody is committed to the collective task and open to feedback to improve our team performance.

The project my team is currently working on is to develop and improve a robotic eye laser system. We are helping our customer perfect the moving parts of the robot, to make it more user-friendly and mobile. I think this project qualifies as an early example of the System Innovator approach. Obviously, our first goal is to deliver what the customer has requested and exactly meet the requirements. But we are also offering support and critically assessing the impact of our components on the overall design. Based on this approach, we can propose changes for improving the design at an early stage. In my experience, customers appreciate it when we come up with solutions that they may not have thought of themselves at the initial concept stage. It's good to see that we are relying more on our own expertise. After all, we can do much more than simply make good components and we should be proud of our proven ability to innovate to improve designs.'



BUILDING SMARTER SYSTEMS FOR A CHANGING WORLD

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