

Software & Embedded Engineer

Join Dynatest as a Software & Embedded Engineer and help us make every road a safer journey.

About Dynatest Since 1976, Dynatest has been shaping the future of smarter, safer, and more sustainable roads. We develop and manufacture world-leading pavement testing equipment, used by customers across the globe. Our equipment is in high demand, and we are therefore expanding our team with an experienced and multi-skilled Software & Embedded Engineer who can help us bring precision and reliability to every road project.

Your work at Dynatest

Based at our headquarter in Ballerup, you will join our growing software team, reporting to the Software Manager. You will work across the full stack—from embedded processors and PLCs, signal processing, communication protocols, and computer vision to higher-level software applications that interact with our machines. You will help define technical solutions and estimates for new hardware and software implementations, develop test procedures and specifications, and provide technical guidance to ensure robust, reliable, and maintainable solutions. The role also includes participation in customer-specific tasks to assess feasibility, identify optimal solutions, estimate costs and implementation effort, and report recommendations to the Software Manager.

As our Software & Embedded Engineer your assignments would be:

- Develop and maintain embedded firmware, PLC software, and supporting applications for pavement testing equipment and related systems
- Design and optimize software architectures, communication interfaces, and existing codebases to ensure performance, reliability, maintainability, and scalability
- Plan, execute, and document testing, validation activities, and software releases to ensure solutions meet technical and quality requirements
- Maintain clear and structured technical documentation covering software design, system changes, engineering decisions, and test results
- Support customer projects through technical clarification, feasibility assessments, solution development, and technical recommendations
- Collaborate across functions while contributing to engineering standards, knowledge sharing, and continuous improvement initiatives

Professional qualifications

- Engineering degree in Automation, Electrical, Software, Mechatronics, or similar
- 3+ years of professional experience in software and embedded development
- Experience with several of the following: C, C++, C#, Structured Text (IEC 61131-3), VBA, communication protocols (e.g., TCP/IP, CAN, Modbus), signal processing, computer vision, Git and Jira (or similar)
- Solid problem-solving skills and an analytical, structured approach
- Experience with embedded processors and PLCs; familiarity with industrial sensors/actuators is an advantage
- Proficient in English

Personal qualifications

You are independent, self-driven, and take professional pride in your work. You work in a structured and systematic manner, continuously seek improvements, and are able to analyze and assess technical challenges. You understand consequences and dependencies across systems and thrive in collaboration with colleagues and stakeholders.

Why you should join Dynatest

We offer an exciting opportunity to work independently in a dynamic and informal environment. At Dynatest, you will be challenged both professionally and personally, with the chance to shape the company's future and have a real impact on our products and solutions.

You will join a highly skilled team of professionals with deep technical expertise, contributing to maintaining and strengthening Dynatest's position as the world's leading provider of pavement testing equipment.

An exciting and independent position in an innovative engineering company with a high technical and professional level.

Dynatest is a growing company, offering excellent opportunities for both professional and personal development. Currently, we employ around 50 people in Ballerup, Denmark, and Florida, USA.

We offer attractive employee benefits, salary according to qualifications, wide-ranging responsibilities, and freedom with accountability.

Questions and application

If you have any questions about the position, please contact Software Manager Mikkel Larsen at +45 23 24 96 23 or mik@dynatest.com.

Interviews will be held on an ongoing basis, as we wish to hire as soon as possible—but we are happy to wait for the right candidate.