

Manufacturing IT Intern (Spring 2027)

At Eltronic, the Manufacturing IT team connects production and IT through control systems, automation, and advanced MES solutions. As an intern, you will become part of the team and turn theory into a concrete solution that can be demonstrated in practice.

Your Assignment

You will develop a fully functional Proof of Concept that simulates a production cell. A modern SCADA platform communicates with a simulated PLC via OPC UA and integrates with the MES platform's Web APIs for job management, job response, and production history.

You will have the opportunity to work with:

- Setting up a simulated PLC and OPC UA server with process data, machine status, and cycle times
- SCADA integration for data collection, events, and production monitoring
- Development of a modern web-based operator interface
- REST/JSON integration with MES, enabling active and upcoming jobs to be displayed and started
- Documentation and evaluation of architecture, data flow, API calls, and best practices

We Imagine That You

Are studying Automation Engineering, Computer Technology, IT, Marine Engineering, or a similar field, and are curious about industrial communication, software development, APIs, and databases.

Experience with OPC UA or SCADA/HMI is an advantage, but not a requirement.

Most importantly, we are looking for someone who is motivated by the assignment and eager to learn.

What We Offer

An exciting internship with hands-on experience in enterprise software and modern SCADA architecture, close professional sparring with colleagues, and the opportunity to influence both the solution and its documentation.

As an intern, you will have your own workspace and become part of our strong community, which also includes other interns.

About Eltronic A/S

Eltronic A/S is an engineering company with more than 25 years of experience in production systems and automation. We develop, deliver, and service automation and production solutions for customers within the food, life sciences, and manufacturing industries. Eltronic employs more than 160 engineers and technicians.

Application & Questions

If you have any questions about the internship, please feel free to contact:

Senior Business Manager, Jannik Munk

Phone: +45 40 44 44 05

E-mail: jmk@eltronic.dk

Please send your application as soon as possible if you would like to join the team.

Interviews are conducted on an ongoing basis.