Jaku Lahtinen
Software Engineer

CONTACT & LINKS

- 📞 +358 50 496 5354
- ✉️ jakulahtinen@msn.com
- 💻 https://www.linkedin.com/in/jaku-lahtinen-903b97276
- 💻 https://github.com/jakulahtinen
- 💻 https://jakulahtinen.fi
- 📍 Helsinki, Finland

LANGUAGES

- Finnish - Native
- English - Fluent

SKILLS & TOOLS

- C# / .NET
- Visual Studio / VS Code
- Clean Architecture
- AWS
- NextJS
- SQL
- React/TypeScript
- EF Core (ORM)
- CI/CD Workflows
- Git
- GitHub Actions
- REST API
- Tailwind CSS
- Codesys & IoT
- CAN
- Linux
- Agile

ABOUT ME

I am a self-motivated and adaptable Software Engineer with a strong enthusiasm for problem-solving and continuous skill development. I quickly learn new technologies and methods, thrive in both team environments and independent work.

EDUCATION

Degree Programme in Software Engineering   2021 - 2025
South-Eastern Finland University of Applied Sciences

Vehicle Body Mechanic   2014 - 2017
South Savo Vocational College

WORK EXPERIENCE

Software Engineer | Hevtec Oy | Helsinki   5.6.2025 - Present

My main focus at Hevtec Oy is on web development and integrating embedded systems such as Codesys -based displays into modern interfaces built with Next.js and React. I also participate to development of Codesys libraries and function blocks based on technical documentation, including I/O mapping and CAN message handling.

In my latest project, I developed an EV charging simulation system that models real-time charging behaviour and visualizes live metrics through an interactive tablet UI. The system also controls LED strips to simulate charging effects. This solution was showcased at Teknologia 25.

Software Engineer Intern | South-Eastern Finland University of Applied Sciences | Mikkeli   1.5.2024 - 20.12.2024

Collaborated on a project aimed at developing an application that calculates user's electricity usage and consumption prices based on consumption files to provide the best options.

My main responsibilities in the development of the application were building the estimated counter for the back/front side, xUnit tests, building the CI pipeline, and the visual layout of the site.
Technologies: C# / .NET, React, TypeScript, SQL, EF Core (ORM), REST API, GIT/GitHub, CI/CD-pipelines, Azure, Azure key vault, JWT.
Project Website: https://xsahko.xamk.fi/

Machine Operator | Mölnlycke Health Care Oy | Mikkeli   2018 - 2023

My duties included the duties of a machine operator, maintenance and driving of production machines and orientation of new employees. Product quality control.

AWARDS

Scholarship 2024
The criteria are rapid graduation and the thesis demonstrates an entrepreneurial attitude in its topic.

Idea Award 2025
Idea award for the implementation of the X-Sähkö-service