



Ilmari Marttila

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<https://ilesoft.fi>

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I am a software developer with a little over five years of experience. Usually I work with backend services. In development I prioritize quality and make sure that I have solid understanding of the software I am working with. I also think that version control history is important and integral part of the codebase.

Experience

2023 – present, Monad oy, Software Engineer

Industries I have been working with includes e.g. mobile machinery and enterprise software. Some technologies I am using: Linux, Docker, Rust, Python, C#, TypeScript, React, Azure cloud, F#, LLM

2020 – 2023, Vektorio oy, Software Engineer

I worked with Vektorio products. Some technologies I used: Linux, C++, NodeJs, TypeScript, Python, Cairo, ODA, BCF, Inframodel/LandXML

Summers 2013 – 2021

E.g. heavy delivery truck driving, metal work, representing in a trade fair, farm work.

On the Side

- some substitute teaching assignments
- volunteer work in Scouting, including:
 - member of the scout group's board
 - property maintenance,
 - organizing Scouting skills competitions

Education

Master of Science in Computer Science, 2025, Tampere University

Thesis (in Finnish): Avoimen lähdekoodin projektin uudistaminen.
<https://urn.fi/URN:NBN:fi:tuni-202505125347>

Bachelor's Degree in Electrical Engineering, 2021, Tampere University

Thesis together with other student (in Finnish): Lämpöpumppujen ja aurinkosähköjärjestelmien kommunikaatorajapinnat ja niiden hyödyntämismahdollisuudet.
<https://urn.fi/URN:NBN:fi:tuni-202101221622>

Spare time

Development of Kipa, raising kids, scuba diving, scouting, home renovation, hiking...