

Pavel Kudelko

linkedin.com/in/pavel-kudelko | github.com/PavelKudelko

About me

Software engineering student interested in backend development and embedded systems. Experienced in backend tools (Express.js, Docker, CI/CD, Kafka/MQTT) and tinkering with Arduino/ESP boards and handheld consoles.

Education

Tampere University of Applied Sciences <i>Bachelor's degree, Software Engineering</i>	Tampere, Finland Aug. 2024 – Expected 2027
LAB University of Applied Sciences <i>Bachelor's degree, Industrial Information Technology</i>	Lappeenranta, Finland Aug. 2023 – May 2024

Experience

Backend Intern <i>SuperHood</i> <ul style="list-style-type: none">Building and maintaining TypeScript-based microservice.Using Express.js and TypeScript, PostgreSQL as DB, Github Actions for CI/CD.	October 2025 - present Helsinki, Finland (remote)
Project Trainee – Flight Radar System with IoT hardware <i>Tampere University of Applied Sciences</i> <ul style="list-style-type: none">Built real-time flight tracking system using IoT hardware (Raspberry PI, ADS-B antennas) with microservices architectureDeveloped containerized services with Docker, MQTT communication, and REST/GraphQL APIs with PostgreSQL	May 2025 - July 2025 Tampere, Finland
Project Trainee – DanfossLens Flutter HMI App <i>Danfoss & LAB University of Applied Sciences</i> <ul style="list-style-type: none">Developed Flutter HMI application for End-of-Line testing results browsing with camera input using Google ML Kit	May 2024 – Aug 2024 Lappeenranta, Finland
Industrial Worker <i>Various Companies</i> <ul style="list-style-type: none">Industrial laundry: Managed delivery logistics, order packing, and route planning for healthcare institutionsGrocery warehouse: Handled inventory distribution, packing, survived early morning operations (5 am)	2022 – 2023 Petrozavodsk, Russia

Extra

Degree Tutor <i>The Students' Union of Tampere University of Applied Sciences (Tamko)</i> <ul style="list-style-type: none">Guided and trained new Software Engineering students during orientation periods.Supported students in navigating academic processes and connecting with faculty.Developed strong communication and teamwork skills through daily interaction with students and staff.	March 2025 - Present Tampere, Finland
Hackathon Finalist <i>Junction2024</i> <ul style="list-style-type: none">Selected as challenge finalists!Our team developed ML-powered solution for bark beetle forest disease prediction using satellite imagery data.Implemented React frontend integrating with ML backend and statistical models via REST APIs.	Nov 8-10, 2024 Helsinki, Finland

Technical Skills

Languages: TypeScript/JS, Python, C/C++, Java, SQL
Tools & DBs: PostgreSQL, MongoDB, Git, Linux, Docker, CI/CD with Github Actions, Apache Kafka
Frameworks: Express.js/Node.js, Arduino framework, Spring Boot, React, React Native

Language Skills

English: Professional proficiency (studying in English-taught program)
Finnish: A2.2 beginner intermediate level (actively taking language courses)
Russian: Native speaker