

Abdul Nizer

Kuopio, Finland | 0413633581 | abdulsahib.nizer@edu.savonia.fi | [LinkedIn](#) | [Portfolio](#)

Ambitious bachelor's student in Information Technology (Internet of Things) at Savonia University of Applied Sciences, passionate about leveraging innovative technologies to solve real-world challenges. Skilled in IoT systems, programming, and collaborative development, with a commitment to continuous learning and growth in the tech industry.

TECHNICAL SKILLS

Programming Languages: Python, Java, C++, JavaScript, HTML, CSS, ROS 2

IoT Technologies: Arduino, Raspberry Pi, PlatformIO, Arduino IDE, Sensor Integration

Collaboration Tools: GitHub, Docker, Visual Studio Code, Microsoft Teams

Soft Skills: Team Collaboration, Problem-Solving, Time Management

PROFESSIONAL EXPERIENCE

Hennet Organization

Kuopio, Finland

Cybersecurity Analyst Intern

May 2024–Sep 2024 (5 months)

- Contributed to the development of Framework 2.0 by drafting technical documents and delivering 10+ employee training sessions on cybersecurity best practices.
- Conducted risk assessments and developed policies to address organizational cybersecurity challenges, enhancing resilience against threats.
- Collaborated with over 12 partner organizations to identify vulnerabilities and implement security measures.
- Resolved technical challenges, including version discrepancies, enhancing problem-solving skills and teamwork in cross-functional environments.

Savonia University

Kuopio, Finland

IT Project - Problem Solving Analyst

Sep 2024–Nov 2024 (3 months)

- Developed a Raspberry Pi 5-based excavator control system, integrating hardware components and load cell sensors to measure and monitor material weight with real-time OLED display for operator feedback.
- Optimized sensor calibration and Raspberry Pi integration, enhancing system accuracy, reliability, and overall performance by 15%.

University of Eastern Finland – Robotics Project

Kuopio, Finland

Robotics Project – Problem Solving Analyst

Feb 2025– Present (6 months)

- Programmed and operated KUKA iiwa14 robot with ROS 2 and OptiTrack Motive for precise probe positioning.
- Integrated robotic control with ultrasound imaging to improve accuracy by 15% and repeatability by 20% in medical procedures.

EDUCATION

Savonia University of Applied Sciences | Finland

Sep 2022–Dec 2025

BSc Degree in Information Technology (Internet of Things)

Sri Lankan Institute of Information Technology | Sri Lanka

Sep 2022–Sep 2026

BSc in Information Technology (Computer Science) – 2:1

COURSES AND ACHIEVEMENTS

- MATLAB Onramp Certification | Sep 2022
- Certification in Python with Udemy | 2024
- Foundation of User Experience with Coursera | 2024
- World Prize for Cambridge Examination – Computer Science