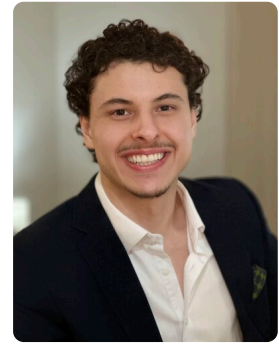


Isak Mesihovic

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Infrastructure & Systems Engineer — IT/OT Security, DevSecOps, Embedded

CS&E student at Chalmers (graduating 2026) with 4+ years at SKF spanning manufacturing, logistics, and software engineering — including industrial cybersecurity development for production systems. Administers production on-premises infrastructure: 12+ services, Docker orchestration, zero-trust VPN, CI/CD pipelines, and monitoring. Cross-domain background spanning factory floor, industrial cybersecurity, and infrastructure engineering provides strong IT/OT context rarely found in CS graduates.

KEY COMPETENCIES

Linux Administration Docker & Container Orchestration Industrial Cybersecurity (IT/OT)
Zero-Trust Networking Python Rust C# SAP/ERP Systems

EXPERIENCE

SKF Group — Manufacturing, Engineering & Logistics Oct 2020 – Jun 2025 | Gothenburg, Sweden

- Developed full-stack cybersecurity and networking solution in C# for manufacturing production environment — backend, API, and frontend
- Coordinated logistics workflows and inventory management using SAP and WASS/ASTRO systems in high-throughput manufacturing

Co-Founder — Tessa Wheels Apr 2023 – Oct 2024 | Gothenburg, Sweden

- Led cross-functional team of 7 in e-bike product development from concept to customer delivery
- Managed supply chain, manufacturing coordination, and bootstrapped funding with zero external investment

PROJECTS

Aproc — On-Premises AI Infrastructure

- Deployed full AI stack (OpenWebUI, LiteLLM, Qdrant vector database) with Docker Compose and zero-trust access on production server
- Built RAG engine generating enterprise procurement proposals from internal company documents

EDUCATION

B.Sc. Computer Science and Engineering — Chalmers University of Technology Aug 2022 – Present

Industrial cybersecurity, embedded systems, concurrent programming, web application security

LANGUAGES

Swedish — Native | English — Native/Fluent | Bosnian — Native