DANIEL SUTTON

| AI & Software Engineer |

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PROFESSIONAL SUMMARY

Software engineer with a strong focus on **AI** and real-world problem solving. I enjoy breaking down complex challenges into clear, manageable steps and building systems that produce reliable, meaningful results. I work best in teams where people bring different strengths to the table, collaborate directly, and keep the process efficient. I'm motivated by learning, experimenting, and pushing ideas into **working products**, and I value a work culture where professionalism and a good atmosphere coexist.

WORK EXPERIENCE

Machine Learning Engineer | Trifork | Copenhagen, Denmark | 5 Months
Delivered **production-grade AI systems** for billion-dollar enterprise clients, focusing on **edge deployment** and **real-time data processing**. Built a complete QA pipeline using a custom **YOLOv11** model with **oriented bounding boxes** and **synthetic data generation**, reaching **90–95 percent accuracy** from only 100 images and reducing validation overhead.

Software Consultant | Hird | Copenhagen, Denmark | 8 Months
Designed and implemented a secure backend system for encrypted user data using **.NET**, **PostgreSQL**, and **Clean Architecture**. Developed **Zero-Knowledge Proof**–based encryption workflows, **REST APIs**, and complete technical documentation, enabling a **privacy-by-design** product ready for integration.

Software Engineer (Part-time, including 12 months full time) | Visiopharm | Hørsholm, Denmark | 3+ Years
Improved and maintained a commercial **digital pathology** platform used by research labs and medical institutions, working across a large **C++** codebase. Delivered full-stack features in a **.NET Razor** platform and collaborated with UX, QA, and backend teams to ship **production-ready** updates in an enterprise environment.

EDUCATION
 B.Eng. Software Engineering, Technical University of Denmark (DTU)
 – Supplemented with two semesters in **IT and Economics**

SKILLS
Custom ANNs, YOLOv11, **LLM**, DeepStream, **Python**, **C**, **C#**, **C++**, Rust, Typescript, Java, **Docker**, **SQL**, **Razor**, **React**, Streamlit, **Redis**, **Clean Architecture**, Nvidia Jetson integration, CAD and 3D printing