



# Hans Askov

Software Engineer

Odense C, Region of Southern Denmark, Denmark

I'm Hans, a software engineer who specialize in fullstack web development and building systems that hold up under real load. I have built a production analytics platform ingesting 420M+ inspections a year, cutting dashboard load times by 100x and storage costs by 92%. Now looking to bring that performance and cost discipline to a backend or fullstack role.

## Experience

### Software Engineer, Odense - TriVision A/S

February 2024 - May 2026 • 2 years 4 months

Launched Production Intelligence V4, a production analytics platform used by factory owners to gain insight into their production lines.

- 420M+ product inspections stored annually across TriVision customers
- Reduced customer dashboard load times from 10s → 0.1s (~100x speedup)
- Cut storage costs by 92% by migrating to a columnar format with compression
- Containerized and deployed the production environment on AWS using Docker

### Bachelor's Thesis, Hillerød - Novo Nordisk

September 2022 - February 2023 • 6 months

At Novo Nordisk I developed and implemented a pipeline to render synthetically generated images which were used to train two deep learning models for object detection and 6DoF pose estimation for components in a bin. An open-source recreation is available here

<https://github.com/hansaskov/BlenderBin>

### Software Developer, Odense - EFFIMAT

February 2022 - February 2023 • 1 year 1 month

As a member of the Effimat team, I honed my skills within the field of Internet of Things, by working with data collection and analysis of distributed systems. A website was then developed to show real-time data, which was used to gain insight of their products.

### Mathematics Instructor, Odense - Southern University of Denmark

May 2021 - June 2021 • 2 months

I worked as an instructor in the SDU event "Mat Spurten" which deals with refreshing 3.g students for the Mathematics A exam. It is a task that requires patience and dissemination of complicated subjects.

## Education

### MSc in Software Engineering, Odense - Southern University of Denmark

2023 - 2025 • 2 years

Specialization in distributed systems and backend engineering, with electives in cybersecurity, data security and biometric security.

### BEng in Robotic Systems, Odense - Southern University of Denmark

2019 - 2023 • 3 years and 5 months

Robotics introduced my love for software and mathematics, this includes control theory, computer vision, and ML. A key project was to program a UR5 robot arm to detect, grasp and throw objects using collision-aware motion planning.

## Skills

- Fullstack
- Backend
- Node.js
- React
- Svelte
- HTMX
- Astro
- PostgreSQL
- TimescaleDB
- MySQL
- MongoDB
- Grafana
- Big data
- Robotics
- IoT
- Typescript
- Python
- Rust
- C++
- Cyber Security

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