

# Jonas Hansen, Senior Full Stack Engineer

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## About me

Entrepreneurial Full Stack Engineer with 10 years of comprehensive expertise in technologies including Golang, Node.js, Typescript, Svelte, React, Flutter, Docker & Kubernetes. I am a passionate and results-driven developer with a deep interest in technology and digital transformation. I specialize in creating innovative and tailored solutions that fit your exact needs. Whether it's dynamic web applications or efficient process optimizations, I bring ideas to life using the latest technologies. I thrive on being challenged and love tackling new, exciting tasks that push both me and your project forward. I've been programming for a living since 2014 and have been self-employed for 8 years. I've worked in a wide range of industries, from healthcare to e-commerce, and have a proven track record of delivering exceptional results.

## Recent Projects

**Systemfutura** — Software Developer

*2024 - Present*

Location: Copenhagen

Development of Administrative Project Software for Clients with Custom Needs

This project focused on creating a flexible and comprehensive software solution for businesses requiring customized features to optimize their business processes.

Key Features Include:

**Quoting:** User-friendly module for quickly creating and sending quotes based on customer needs and project requirements.

**Piecework Pay:** Integrated system for managing piecework pay, ensuring accurate payroll and motivating employees through performance-based compensation.

**Project Planning:** Visual project management tool that enables effective task management, scheduling, and resource allocation.

**Live Updates:** Real-time updates providing all stakeholders with immediate access to project status and changes, promoting transparency and quick decision-making.

**AI Email Analysis:** Built-in artificial intelligence that analyzes incoming emails to identify key tasks, deadlines, and customer inquiries, reducing manual processing and improving response times.

This administrative software enables businesses to manage complex projects more efficiently and adapt to unique client needs, leading to increased productivity and customer satisfaction.

Golang

Svelte

Docker

Kubernetes

Tailwindcss

Pocketbase

## Yaaumma — Software Developer

2024 - Present

Location: Copenhagen

Development of Webshop with Modern Technologies and Administrative Interface

This project focused on developing a fast and flexible webshop with an administrative interface that enables easy management of products, orders, and analytics.

Key Features Include:

**Frontend with AstroJS, Svelte, and React:** Combination of AstroJS for optimal performance, Svelte for interactive components, and React for dynamic features.

**Administrative Interface:** A custom admin panel for managing products, inventory, orders, and customers, developed with a user-friendly UI.

**Payment Solutions:** Integration of secure payment gateways such as Stripe and Flatpay for a seamless checkout experience.

**Shipping API:** Automatic shipping management through API integration with logistics providers to optimize the delivery process.

**Analytics with PostHog:** Advanced user and sales analysis through PostHog to understand customer behavior and optimize conversion rates.

This webshop project combines modern technologies with strong integration capabilities to create an efficient e-commerce platform that is scalable and easy to manage.

Golang

Astrojs

React

Svelte

Stripe

Posthog

Docker

Kubernetes

Tailwindcss

Pocketbase

## Mediathand — Software Developer

2021 - 2023

Location: Copenhagen

Development of Video Streaming Solutions with Multicast QUIC

This project focused on developing video streaming solutions using multicast QUIC for efficient data casting and video streaming.

Key features include:

**Multicast QUIC Technology:** Implementation of multicast QUIC for scalable and efficient distribution of video and data content.

**Desktop Applications with Tauri and Svelte:** Development of lightweight applications with a modern UI for an improved user experience.

**Network Optimization:** Optimization of network protocols for low latency and high reliability in live and on-demand streaming.

**Presentation at Trade Show:** The solution was demonstrated at an industry trade show in Las Vegas, generating interest among industry professionals and potential partners.

The project combined advanced networking technology with modern frontend development to create an efficient and innovative streaming solution.

Golang

QUIC

HLS

Tauri

Svelte

## Hairtalk — Software Developer

2020 - Present

Location: Copenhagen

Development of a Custom Shopify Solution and Process Automation

This project focused on building a tailored Shopify online store for hair extensions while automating key business processes.

Key Features:

**Custom Shopify development:** Designed and implemented a customized Shopify storefront with enhanced functionality to optimize the shopping experience.

**Automated order processing:** Developed a seamless integration between Shopify and GLS for automatic label generation and shipment handling.

**Process automation:** Streamlined workflows to reduce manual work, improving efficiency in order fulfillment and inventory management.

This project successfully combined e-commerce development with automation to create a scalable and efficient online retail solution.

Golang

Shopify

## Ward247 — Software Developer

2020 - 2022

Location: Copenhagen

Development of a Mobile Application for Remote Patient Monitoring

This project focused on developing a mobile application to assist nurses in remotely monitoring patients, with a particular focus on COVID-19 cases.

Key Features:

**Backend with Golang:** Designed and implemented a robust and efficient server solution to handle patient data securely.

**Cross-platform mobile application:** Developed using Flutter to ensure a seamless and user-friendly experience on both iOS and Android.

**Administrative interface:** Built with HTML and JavaScript to manage patient data and oversee system administration.

This project successfully combined modern technologies to create a secure and accessible solution for remote patient monitoring.

Golang

Rust

Flutter

HTML

JavaScript

CSS

Docker

DockerSwarm

## Inecon — Software Developer

2020 - 2021

Location: Copenhagen

Development of a Data Analytics Platform for NGOs

This project focused on building a data analytics platform tailored for NGOs, enhancing its ability to efficiently handle large volumes of analytics data.

Key Features:

**Hadoop-based data architecture:** Designed and implemented a scalable data pipeline for efficient data processing.

**Scalability with Kubernetes:** Leveraged Kubernetes for robust and flexible deployment.

**Automated data ingestion:** Streamlined data collection from multiple sources, including Google Analytics and Facebook Ads.

**User-friendly web interface:** Developed a Vue 3-based interface for easy access to analytics and data visualization.

This project combined advanced data processing techniques with an intuitive UI to create an efficient and scalable analytics platform for NGOs.

Golang

Nodejs

Vuejs

MongoDB

Hadoop

Docker

Kubernetes

Apache Spark

**Infoklient** — Software Developer

*2019 - Present*

Location: Hillerød

Development of a Desktop Application for Municipal Communication

This project focused on creating a desktop application for municipalities to efficiently display administrative messages regarding local events.

Key Features:

**Message display system:** Developed a desktop application for presenting real-time messages from the administration to users.

**Administrative interface:** Built an intuitive admin panel for managing messages, ensuring easy content updates and scheduling.

**Active Directory integration:** Seamlessly connected with the existing Active Directory setup for user authentication and role management.

**Process automation:** Automated message distribution and access control, reducing manual intervention and ensuring timely updates.

This project successfully enhanced municipal communication by integrating secure authentication, automation, and real-time information delivery.

Golang

TypeScript

Rust

Tauri

Svelte

Node.js

JavaScript

Windows Server

Microsoft SQL

Active Directory

**Demensvenlig Nordsjælland** — Software Developer

*2018 - 2021*

Location: Hillerød

Development of a Website for Dementia-Friendly Communication

This project involved building a website to facilitate communication with dementia patients in North Zealand, ensuring accessibility and ease of use.

## Key Features:

**Custom content management:** Developed features for municipal employees to publish blog posts, upload documents, and share images.

**Accessible design:** Implemented user-friendly HTML, CSS, and JavaScript components optimized for dementia-friendly readability and navigation.

**Document and media distribution:** Created a structured system for managing and sharing relevant files with patients and caregivers.

**Server deployment:** Hosted on Windows Server to ensure reliability and security for municipal use.

This project successfully provided a digital platform to improve communication and accessibility for dementia patients and caregivers.

JavaScript

HTML

CSS

Windows Server

## Work experiences

**JonesSoftwareSolutions** — Software developer

*2016 - Present*

Location: Copenhagen

Started just before studying, as a freelancer.

Main customers were small businesses, needing web applications.

Then started developing bigger solutions backend solutions mainly in golang

A Few desktop applications made with Tauri and svelte

Golang

Typescript

Rust

Flutter

Tauri

Svelte

Node.js

Javascript

Docker

Kubernetes

**Videometer** — Software developer

*2023 - 2024*

Location: Copenhagen

Mainly doing C# desktop applications for image analysis

Working with the .NET framework, in both frontend and backend.

Devops responsibilities, primarily for automating deployments, but also building and testing the various applications.

Then started developing bigger solutions backend solutions mainly in golang

A Few desktop applications made with Tauri and svelte

C#

Golang

Rust

Tauri

Svelte

**Rosenfeldt Photography** — Software developer

2014 - 2016

Location: Copenhagen

Started as an assistant in the photography department

Then where responsible customer service for about 80.000 customers

Then started developing small programs in Java and later all IT.

A CMS system in PHP and Javascript was developed.

PHP

Javascript

HTML

CSS

CMS

JAVA

## Education

**Aalborg University** — Master

2019 - 2022

Location: Copenhagen

Msc in: Innovative Communication Technologies and Entrepreneurship

Golang

HTML

QUIC

Sockets

IP

Machine Learning

AI

**Aalborg University** — Bachelor

2016 - 2019

Location: Copenhagen

Bachelor: IT, Communication and New Media

Java

Golang




Network













Electronics

Machine Learning

AI

# Technologies

	Name	Years of use	Level of experience	Last use
	Angular	2	☆☆☆☆☆	2020
	AWS	5	☆☆☆☆☆	2024
	Azure	3	☆☆☆☆☆	2024
	C-Sharp	2	☆☆☆☆☆	2024
	Caddy	2	☆☆☆☆☆	2024
	Cloudflare	6	☆☆☆☆☆	2025
	Css3	10	☆☆☆☆☆	2024
	Debian	8	☆☆☆☆☆	2024
	Docker	7	☆☆☆☆☆	2025
	Dotnet	3	☆☆☆☆☆	2024
	Express	4	☆☆☆☆☆	2024
	Git	10	☆☆☆☆☆	2025
	Github	10	☆☆☆☆☆	2025
	Gitlab	3	☆☆☆☆☆	2023
	Golang	8	☆☆☆☆☆	2025
	Google	4	☆☆☆☆☆	2023
	Grafana	4	☆☆☆☆☆	2024
	Html5	9	☆☆☆☆☆	2024
	Java	7	☆☆☆☆☆	2020
	Javascript	10	☆☆☆☆☆	2025
	Kubernetes	3	☆☆☆☆☆	2025
	Less	5	☆☆☆☆☆	2020
	Linux	10	☆☆☆☆☆	2024
	Mongodb	3	☆☆☆☆☆	2022
	Mysql	10	☆☆☆☆☆	2024
	Nginx	7	☆☆☆☆☆	2024
	Nodejs	6	☆☆☆☆☆	2025
	Npm	7	☆☆☆☆☆	2025
	OpenAI	2	☆☆☆☆☆	2024
	Photoshop	6	☆☆☆☆☆	2024

	Php	7	☆☆☆☆☆	2020
	Pocketbase	3	☆☆☆☆☆	2025
	Postgresql	7	☆☆☆☆☆	2024
	Redis	4	☆☆☆☆☆	2025
	Sass	6	☆☆☆☆☆	2024
	Shopify	4	☆☆☆☆☆	2024
	Ssh	7	☆☆☆☆☆	2024
	Stripe	4	☆☆☆☆☆	2025
	Svelte	3	☆☆☆☆☆	2025
	Tailwind	8	☆☆☆☆☆	2025
	Typescript	8	☆☆☆☆☆	2025
	Ubuntu	7	☆☆☆☆☆	2025
	Vuejs	2	☆☆☆☆☆	2021
	Yarn	4	☆☆☆☆☆	2024