Jonas Siltamäki Håkansson

Software engineering consultant

Self-employed software engineering consultant proficient in system architecture, as well as frontend and backend technologies such as React, Angular, .Net and Node.

have a business mindset and am used to advising on how to use tech to for example to optimise ways of working. My motivation is delivering value, rather than utilising some specific technology.

Experience working with LLMs in various contexts, for example chatbot, including some experience with MCP servers and RAG implementations. Mostly using Open AI in Azure.

Experience

Elgiganten

Full Stack Developer

2022-

REACT, NEXT.JS, NODE, TYPESCRIPT, .NET, C#, KAFKA, TAILWIND CSS, AI, LLM, RAG, MCP

System development and architecture related to:

- Self service applications for customers
- Chatbot integrations
- Genesys Cloud plugins including an AI Email Assistant
- Various other internal tools and experimentation with a focus on AI
- And some coaching of junior developers.

Insclear

Full Stack Developer

2019-2022

ANGULAR, .NET, SERVICE FABRIC, AZURE DEVOPS, SQL, CI/CD, DEVOPS

- Various projects to streamline administration processes and interfaces, to minimize errors and make administration more efficient. I worked on requirements engineering, architecture, design of interfaces and web development.
- Migration of a monolithic frontend application to a micro frontend based architecture using module federation. I helped with initial research and requirements analysis, architecture, web development and documentation.

CONTACT

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🌐 jshakansson.se

GitHub - sylten

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SKILLS

- Full Stack Development
  React, Angular, JavaScript, TypeScript, .Net, C#
- System Architecture
- Databases
  SQL, Document
- DevOps & CI/CD
- AI/LLM
  RAG, MCP

SEB

Solutions Developer / Designer

2018-2019

ANGULAR, .NET, SQL, AZURE DEVOPS, SOFTWARE ARCHITECTURE, IBM API CONNECT

- Solution design and engineering. I worked on a project to modernise the architecture of the systems handling settlement of securities, while also making SEB compliant in CSDR. The main deliveries of the project was an API for securities settlement and a web based GUI for administration of securities settlement.

Tattoomigo

Co-Founder & Developer

2017-2018

REACT, NODE, TYPESCRIPT, .NET CORE, SQL, AZURE

- Web development including architecture, programming, UX and design.

- Supervision of two engineering students doing their examination work at Tattoomigo.

- I also helped with development of the initial idea into a sustainable business model. I also helped with branding. I worked closely with a very entrepreneurial colleague and my role was often to take ideas and bring them down to earth.

Signe.io

Co-Founder & Developer

2016-2017

REACT, NODE, JAVASCRIPT, SQL, STRIPE

- Development of a prototype version of the platform using Node, MySQL, React and Stripe as a payment service provider.

- Development of the business model, logistics and branding.

Skandikon

Full Stack Developer

2014-2015

.NET, C#, SQL, JAVASCRIPT

- Systems development, full stack development of a system for handling pensions.

Plan 8 Production

Web Developer

2013-2014

JAVASCRIPT, TYPESCRIPT, NODE, SQL, PHP, AWS

- Continuation of development of my school examination project Klang, which was used in collaboration with clients such as Google, H&M, Mercedes, HBO and many more. I

wrote it in TypeScript when it had just been released still had no major version, needless to say I was amazed at being able to write typed JavaScript :)

- Full stack development of a cloud based system for handling audio files and adding music and sound to interactive websites.

- Various interactive web apps.

Education

KTH Royal Institute of skillsnology

Bachelor's Degree, Computer Science

2010-2013

The Chinese University of Hong Kong Business School

Exchange term, Managerial Economics

2017

Stockholm University

Bachelor's Degree, Business Administration and Management

2015-2018

Other projects

Digilog (digilog.se)

2025

NEXT.JS, REACT, NODE, AWS, DYNAMO DB, S3

- An app for managing CE documentation for automated doors. Includes web interfaces for installers that do the documentation and property owners that need to access it.

MiBreaker (mibreaker.com)

2020

REACT, NODE, NEXT.JS, VERCEL, ELECTRON, STRIPE, MAILJET, BUNNY CDN

- A basic e-commerce website to market and sell the app. Developed in Next.js with React and deployed on Vercel with bunny CDN for serving static files, Stripe for card payments and Mailjet for sending emails.

- The desktop app is built on Electron with React, packaged and code signed for Windows and Mac.

Certifications

Agile Fundamentals: Including Scrum and Kanban

Udemy

2021

Data Scientist Nanodegree

Udacity

2021

Leading Yourself and Others

EnneagramCenter

2016

Languages

Swedish

Native

English

Full professional proficiency

About me

I am an entrepreneurial self-employed software engineer with experience of multiple industries, from music and marketing to banking and finance. My interest in web development started as an 11-year old, when I created a website for a game I played. Since then I've obtained degrees in computer science and business administration, and have gained extensive knowledge working with software development and software architecture. I also still like to spend time on hobby programming projects. I've had a lot of fun with Raspberry Pis.

In addition to web development, finance and business are deep-rooted interests. I consume a lot of information on economics and financial news, and I've enjoyed co-founding multiple startups. I also enjoy reading, running and cooking.