

INTRODUCTION

Hi, my name is **Poul Martin Tarkan Nielsen**, but everyone calls me **Tarkan**. I'm 26 and have been actively programming both as a hobby and professionally for over 11 years. I've got a burning passion for the work I do and strive to learn new things all the time.

EXPERIENCE

FULL-STACK DEVELOPER

ASPIRI A/S | 2022 to PRESENT

Mimer IVS was bought by Aspiri A/S in January of 2022 as a part of the deal, I was to be sold with the company to both continue development on Mimer's existing projects but also work on Aspiri's new development projects. At Aspiri I've worked on creating a video on-demand streaming service, for helping students enrolled in the Danish universities by providing extra education alongside their university programmes. I single-handedly had to develop their frontend and backend from scratch, but all while connecting to their existing MSSQL database. While developing this project I had the help of the existing developer on the old projects, to guide me through how the database structure was setup.

FULL-STACK DEVELOPER

Mimer IVS | 2020 to 2022

After having worked for Mimer IVS as a freelance developer for a long period of time, they hired me to be a part of their IT/Development team. This included their website www.mimer.dk, which I wrote from scratch when I was a freelance developer. It also included a new website I would have to rewrite from www.studieakademiet.dk. Tying it all together was backend projects for the two websites and a shared internal administration tool. Later on I created an internal intranet which utilises WebRTC to allow for classrooms for hybrid classrooms, which would stream video between the classrooms and students tuning in from home.

SYSTEMUDVIKLER

Unit IT A/S | 2019 to 2020

I worked at Unit IT A/S in connection with my education as a software developer. I worked on a bunch of internal tools, which I either wrote from scratch or built upon as the only developer, under the guidance of a senior developer. As the department of Unit IT A/S I was employed in was heavily focused on MSSQL databases and Windows Servers I got a lot of experience working directly with the SQL server and writing fast and efficient SQL statements.

FREELANCE DEVELOPER

Mimer IVS | 2018 to 2020

While I worked as a freelance developer for Mimer IVS, I was the only developer and was originally hired to maintain an existing website and platform. Because of some circumstances that occurred, we decided that it would be better if I were to rewrite their entire website and platform from scratch.

LEAD FULL-STACK DEVELOPER

ProxyPipe, Inc. | 2018 to 2019

I was in charge of a small team of 3-4 people that were tasked with developing a product to sell and automatically deploy Linux servers. Though due to me having school alongside working here, I had to step down before I could see the project to the end.

SOFTWARE DEVELOPER CONSULTANT

Craftmize | 2015 to 2018

I worked closely with customers when having to develop new products and features for them. Whether that's updating existing products, creating new products and optimizing original code as most of the code were to be run on a Minecraft server, which should be able to hold hundreds to thousands of players at the same time.

Tarkan Nielsen

FULL-STACK DEVELOPER

CONTACT DETAILS

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🌐 <https://tarkan.dev>

🏠 København S

EDUCATION

Software Development
Business Academy Aarhus

2017-2020

Highschool Education
HTX, EUC Syd, Aabenraa

2013-2016

Self taught programmer

2011-∞

LANGUAGES

Danish (Natively)

English (Fluently)



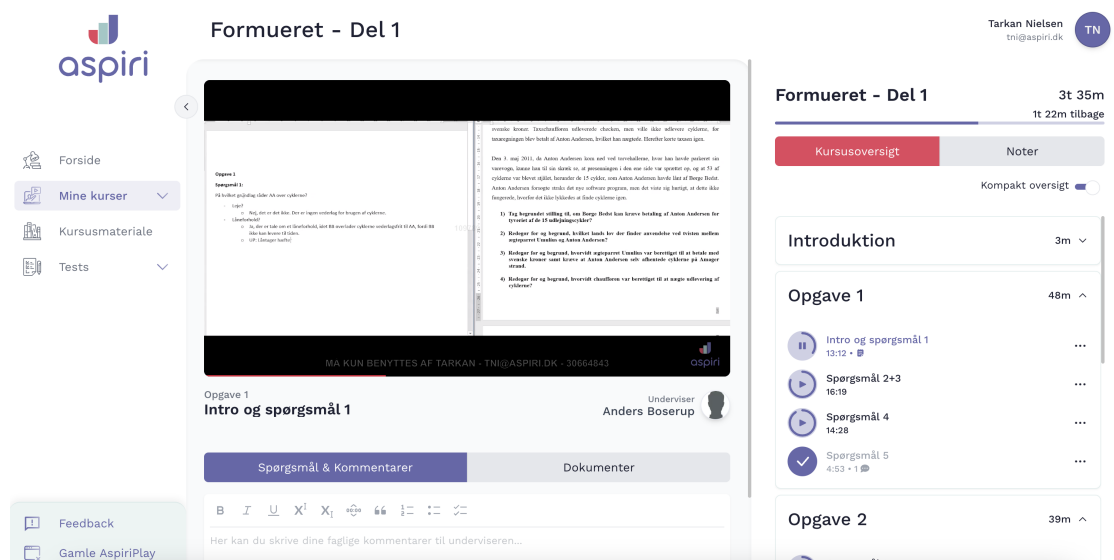
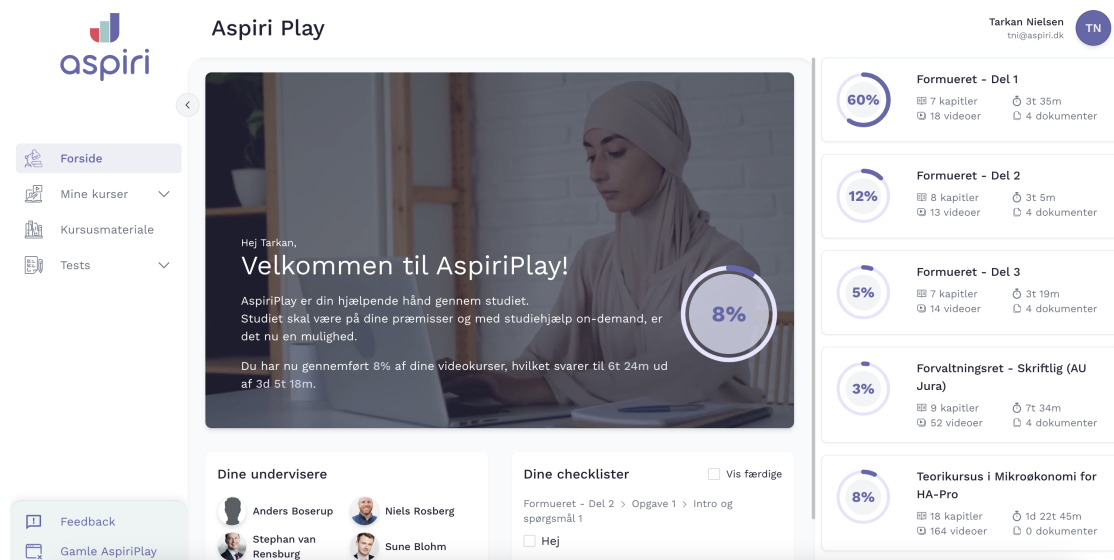
Aspiri Play

Aspiri Play is a video streaming platform like Netflix, HBO and similar services, but targettet the danish university students.

My job was to build a platform from the ground up, which should be able to support around 25,000 sessions per month, with a high amount of continuous streams of video data being watched all hours of the day, text chat and a note-taking WYSIWYG editor. I was also tasked with designing the platform with constant dialog from the product owner, project leader and graphically minded people on the team.

I built the project using React.js and Next.js for the frontend and an ASP.NET REST API as a backend. I also had the research possible hosting solutions for the frontend, backend and video streaming. We ended up hosting the frontend at Vercel, the backend at Azure and Cloudflare Streams for videos.

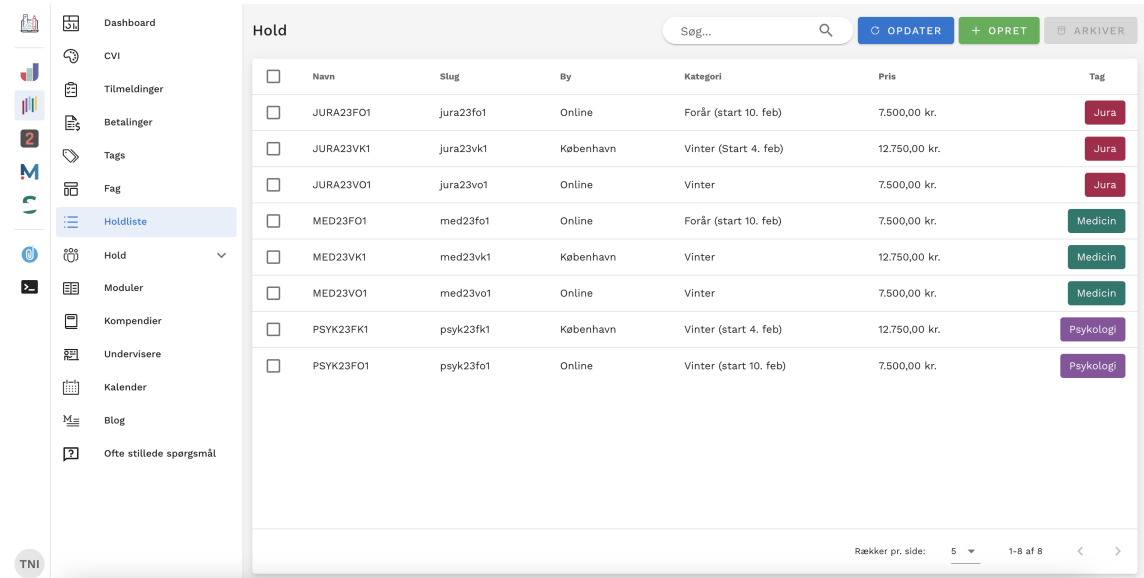
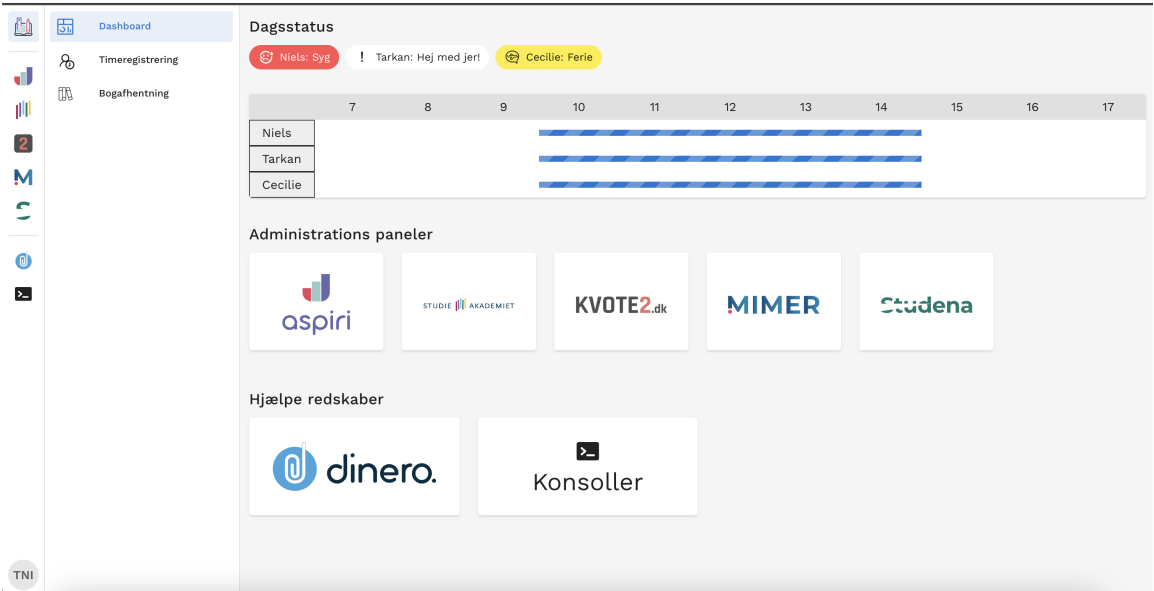
As we were a small programming team, I was the only one who worked on the project's code base.



Internal Administrationtool

During my time at Mimer, StudieAkademiet and Aspiri, I built an internal administrationtool for use by the employees to create, read and update everything from content on the websites, product prices to creating, reading and updating external resources from external API's like Dinero, Cloudflare and more.

The entire project was built from the ground up by me using Vue.js and Nuxt as a frontend and GraphQL & REST APIs to communicate with the different API's the websites and external services use.



Studieakademiet.dk

During my time at Mimer/StudieAkademiet I was tasked to build studieakademiet.dk. StudieAkademiet help people get into their dream university courses by helping them through the Danish university recruitment process.

I had to design and develop their website with design guidelines from my colleagues. Everything on the website should be editable in the internal administration tool as well as customers should be able to sign up for help and get sent invoices using an external invoices API.

backenden i C# og ASP.NET, som bliver hosted på en Linux cloud provider.

I build the frontend in Vue.js & Nuxt, which was hosted using Cloudflare and the backend using C# & ASP.NET which is hosted on a Linux server.



Hvad er StudieAkademiet?

Studieakademiet er et forløb for dig, der vil forberede dig til drømmestudiet og øge dine chancer for optag i kvote 2. Vi tager dig i hånden gennem hele din kvote 2-proces og forbereder dig til universitetet.



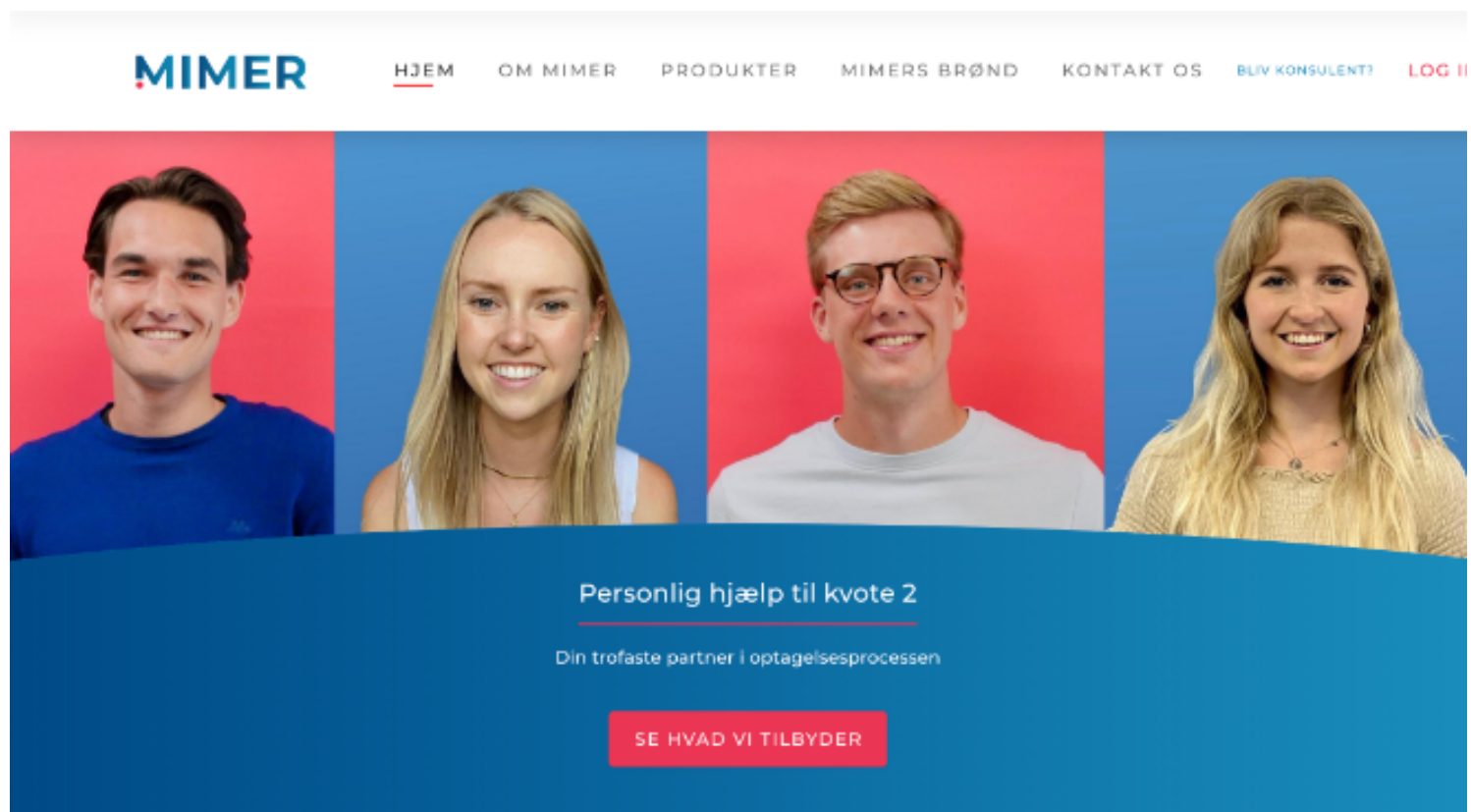
SNAK MED EN VEJLEDER

Mimer.dk

Both when I was hired as a freelance developer and as a full-time developer as Mimer, I was tasked with building Mimer's website and platform. The website and platform's purpose was to sell help for people trying to get into Danish universities. The help would be given using video calls through the website using WebRTC to show video and sound and a text chat. Freelance consultants should be able to apply for a position to work with the platform, earn money by helping customer and automatically get their earnings sent to them each month using an external invoice program and API.

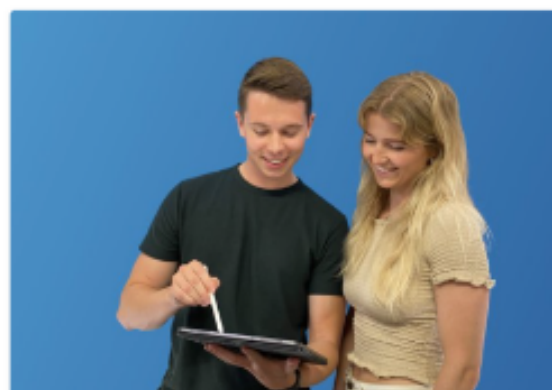
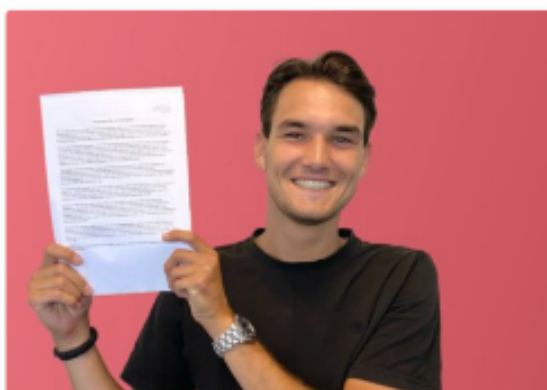
The frontend was built using Vue.js and Nuxt and was hosted at Cloudflare with a backend written in C# & ASP.NET hosted on a Linux server.

The entire project was built by me.



Hvordan kan vi hjælpe dig?

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14.01.2022

Letter of Recommendation for Poul Martin Tarkan Nielsen

To whom it may concern,

Poul Martin Tarkan Nielsen has taken on the responsibilities of the role as Full Stack Developer at Mimer from September 2020 until January 2022, at which point he was transferred to work for the company's investor, Aspiri. In his position, Tarkan showed an outstanding work ethic and contributed immensely to the team. It is my pleasure to write this recommendation for Tarkan.

Mimer is a Danish startup focusing on bridging the gap between high school and university through tutoring, counseling, and upgrading of qualifications. As Full Stack Developer, Tarkan was solely responsible for developing the company's website and IT systems including a custom-built Learning Management System (LMS), fully integrated platform connecting tutors and university applicants, a Progressive Web App and more. Prior to joining fulltime, Tarkan worked as a freelance consultant for the company but as a result of his excellent work, Tarkan became our first fulltime employee.

In this role, Tarkan was also responsible for managing two interns. In this team of developers, Tarkan ensured to distribute the workload in a fair way and facilitate learning opportunities that would help his colleagues develop their skillset. As a team member and at the office, Tarkan was well liked and respected among others. He was always ready to help with any kind of task, which is why his responsibilities naturally grew. He is a problem-solver, keeps a positive attitude, and has an impressive work ethic.

We wish Tarkan the best of luck in his future endeavors and we are confident that he will continue to have success in his professional career. It is our great pleasure to give Tarkan the very best of our recommendations.

If you have any questions, please do not hesitate to contact us.



Carsten Søndergaard, CEO

Mimer ApS

Recommendation by Carsten Ivarsen

I forbindelse med gennemførelse af Datamatiker uddannelsen, har Poul Martin Tarkan Nielsen været i virksomhedspraktik hos Unit IT i Brabrand, som systemudvikler i vores SQL-Unit fra 02-01-2019. Ansættelsens omfang har været 15 timer om ugen, dertil har Tarkan løst en semesteropgave og uddannelsens afsluttende hovedopgave hos os.

Som systemudvikler i vores SQL Unit arbejder man i et team, der udvikler værktøjer til internt brug i virksomheden samt løsning til overvågning af vores kunders Microsoft SQL Servere. I den forbindelse har Tarkan arbejdet som full-stack udvikler, hvor han har arbejdet med en bred palette af frameworks og teknologier fra Microsoft, og i tæt kontakt med vores SQL Konsulenter. Da Tarkan startede hos os, var hans faglige kompetencer primært indenfor Java og Linux, men Tarkan har gået til udfordringen med stort engagement, og har imponerende hurtigt lært Microsoft produkterne at kende.

Tarkan er som person en initiativrig og målrettet ung mand, der er i stand til at arbejde selvstændigt og kreativt med de opgaver han stilles overfor. Unit IT har nydt godt af hans viden og faglige kompetencer og ikke mindst er han en sympatisk, fleksibel og humoristisk kollega, hvorfor han udgør en god wingman i et hvert team. Jeg kan kun give Tarkan mine allerbedste anbefalinger.

Skulle der være informationer, I måtte mangle, er I naturligvis meget velkomne til at kontakte mig.

Med venlig hilsen

Carsten Ivarsen

SQL Specialist - Developer



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