



Tobias Ratzberger

Frontend Engineer

Pleased to meet you!

I'm Tobi - a frontend engineer currently helping build the future of citizen communication at **GEM2GO**



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About me

i'm tobi - curious frontend engineer based in enns, austria. interested in user interfaces, science & developer tools, human interactions, productivity, hardware, inclusive web, ethics and cooking. currently supervising frontend engineers and developing at GEM2GO, where we're building the next generation of citizen communication.



My first steps

I enjoy creating things that live on the internet. My interest in web development started in 2013 when I decided to visualize user statistics for my public Minecraft server - it turned out that hacking together a landing page, user queries and visualization of statistics taught me quite a bit about HTML, CSS and PHP. Alright, that was just the beginning. Shortly after, I built my first custom "CMS" for the local tool store, which included things like booking pages for robot lawn mower maintenance, reservation system for tools, and more. All this while I was still in school. Over time it became apparent that I would rather develop things for the internet than explore the depths of history in school. So I started my apprenticeship at RIS GmbH and was allowed to implement customer projects right from the start - I already had the necessary skills. Shortly thereafter, my journey started in the SAAS area. I started to develop and contribute to the actual system.



Fast forward

Fast forward. Today, as a 22-year-old, I have the privilege of leading and supporting my team for more than two years. We are developing the GEM2GO platform and trying to modernize citizen communication. For some years now, my mission has been to bring the latest and most important information about municipalities as easily as possible to all people in Austria and South Tyrol. Not only the citizen, but also the civil servant is in the foreground. With our solutions, we simplify the way data comes about and is distributed. In the last few years, I have had the privilege of working out and helping to shape many cooperative ventures. We have connected AI interfaces from Microsoft to be able to automatically describe images, for example, so that visually impaired or even blind people can draw information from the images in the same way as sighted people. The first legally compliant digital public notice board was created and has been installed well over 100 times in Austria and South Tyrol. I have taken on many tasks, far from development, and have clearly found fun in managing budgets, planning projects and making the internet a better place for everyone.



Matters to me

In my time as a developer, mentor and leader I have been able to meet a lot of great people and gain a lot more experience and knowledge. Through the many impressions, certain topics have grown particularly close to my heart. The topic of accessibility continues to receive too little attention in 2022. In Austria alone, 1.3 million people are restricted, for example by illness, accidents or simply age-related. It can happen to anyone, which is why I have also focused strongly on this issue in recent years. Apart from my mission to make the internet more accessible, I am a design enthusiast. Design not only in the classical visual sense, but also in terms of architecture of a software, as well as secure, stable, high quality code. After more than five years in the SAAS industry, I am almost fused with the requirements, live and love them.

What i did so far

aside from leading a team at the market leader for citizen communication and content management systems for cities and communities in Austria, South Tyrol and Germany, I also dealt a lot with web accessibility for a more inclusive information system out there

Experience

Frontend Engineering Lead - RIS GmbH

Mentoring and supervising a bunch of frontend engineers.
Choosing Techstack, Splitting Monolith into microservices.
Working on new cooperations, Managing budgets and Projects.
Contact person for web accessibility

July 2020 - Today

Frontend Engineer - RIS GmbH

Developing new features for our CMS.
Accustomed for the first digital, legally compliant official blackboard.
Working on UI and UX on our Content tool for civil servants.

May 2020 - July 2020

Apprentice Software Engineering - RIS GmbH

Developing new features for our CMS.
Initiated the first digital, legally compliant official blackboard.
Working on UI and UX on our Content tool for civil servants.

August 2017 - May 2020

Education

higher educational establishment for economic - Haag

Focus on media design and Technology
Subjects like Business Administration and Accounting

2014 - 2017

Abbey Grammar School - Seitenstetten

private Catholic School, completed ecdl

2010 - 2014

Certifications

WebAccessibility - Barrierefreies Webdesign - UBIT

attended an intense accessibility training with an actual disabled person
used a lot of different tools to test and evaluate accessibility on the web
learned how humans with different disabilities interact on websites
accessive usage of screenreaders to optimize user experience for all

2021