


TRISTAN KRASS

I am a software engineer dedicated to building user-friendly products that create value for people. I am committed to continuous learning in order to constantly improve my skills and the products I build.

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EXPERIENCE

Twilio - Software Engineer

 (Internship 2020 Summer), full time June 2021 -

- Working on real time monitoring system for detecting network anomalies. Creating and maintaining systems that processed up to 55 thousand records a minute during the peak times.
- Building internal tooling for operations. Collaborated closely with stakeholders and product manager to identify the most effective solution after thorough analysis and consideration of multiple options.
- Successfully improved and maintained legacy systems, including a small rewrite of one system that resulted in significant cost savings.
- Onboarding and training new engineers in tech, tools and process on our team.
- Main technologies used - Scala, Spark, Akka, ZIO, TypeScript and React.

Alvin.ai - Software Engineer

 Summer, 2019


- As the first engineer at the startup (besides the founders), I played a critical role in working closely with the founders to identify the product-market fit and guide the company's technical direction. Despite operating under a tight schedule, I effectively contributed to the company's early success.
- In close collaboration with the CTO, I played a key role in developing the MVP for the company. Specifically, I focused on building the SQL editor and the web platform for data analysts.
- Main technologies used - TypeScript, React, NestJS, Firebase and GCP.

Freelancing

- Successfully led the full life cycle of multiple software development projects, including gathering requirements, building projects from start to finish independently, setting up CI/CD pipelines, managing servers, and effectively communicating with clients. These efforts resulted in high-quality, reliable software solutions that met the needs and expectations of clients.


EDUCATION

Tallinn University of Technology - IT Systems Development | Cum laude

 2018-2021

- Served as a teaching assistant for a programming course in Python.
- Geeks on Wheels programming lab coordinator.

Old Town Educational College - Division of Math and Sciences

 2005 - 2017

PROJECTS

kliinik.logopeed.ee

- Successfully developed a system for speech therapists and their patients to enhance the therapy process. I was responsible for managing the full life cycle of the project including gathering requirements, creating mock-ups, implementing the app, and deploying it to the data center. These efforts resulted in a user-friendly, efficient tool that improved the therapy experience for both therapists and patients, leading to better outcomes and satisfaction for all parties involved.

event.logopeed.ee

- Successfully designed and developed a WordPress site for managing a yearly speech therapist conference, including tasks such as setting up the site structure, designing the layout and visual elements, and configuring the necessary plugins and features. These efforts resulted in a user-friendly, organized platform for managing conference logistics and communication, improving the efficiency and effectiveness of the conference for both organizers and attendees.

medlife.ee

- Designed and developed a custom WordPress theme from the ground up for a healthcare news outlet, gaining valuable expertise in both WordPress internals and project management skills in the process.

Pro bono - Noored Olümpiale

- (Not the current site) Developed the user interface for a website on top of Voog CMS for a fundraising campaign to support promising young Estonian athletes. Website design was created by design agency Velvet.

TECHNICAL SKILLS

- **Backend** - Scala, TypeScript, Python, C#
- **Frontend** - TypeScript, SCSS & BEM, React

SOFT SKILLS

- Team player
- Ability to work under pressure
- Comfortable Working Independently
- Ability to take initiative to solve problems

HOBBIES

- Football, racket sports, crossfit
- Automating the boring stuff
- Investing