

EMIL STÅHL

Software Engineer

+46 70 923 49 80 @emilstah@KTH.se github.com/emilstahl97 Stockholm, Sweden



SUMMARY

Master's student specializing in Distributed Systems with a strong foundation in networking. Enthusiastic about leveraging technology to drive innovation and progress. Proficient in languages like Python, Java, Erlang, and skilled in cutting-edge technologies like Spark, Kafka, and various networking solutions.

EDUCATION

M.Sc. Eng. student in Software Engineering of Distributed Systems

[KTH Royal Institute of Technology](#)

2017 - Present Stockholm, Sweden

- Degree Programme in Information and Communication Technology.
- Completed my Bachelor's degree program with a comprehensive analysis of the [FRRouting software suite's performance](#).
- Supplemented my Master's in Distributed Systems with a range of networking courses.
- The complete list of courses can be found on my [GitHub](#).

GPA
4.2 / 5.0

EXPERIENCE

Multidisciplinary Trainee

[CDT Audio](#)

2016 - 2017 Buellton, CA

CDT Audio is a high-fidelity speaker manufacturer based in California

- Acquired hands-on experience in the assembly of finished goods across all product lines.
- Participated in the development of comprehensive marketing programs, gaining insight into the intricacies of effective promotion strategies.
- Assisted in establishing sales quotas, engaged with clients and representatives, and played a role in producing user manuals for various products.

STRENGTHS



Critical and creative thinker

Experienced in critical and creative thinking, with a track record of strong problem-solving abilities, adaptability, and a results-oriented approach. Recognized for consistently delivering innovative solutions and exceeding performance expectations.



Efficient Task Manager

Skilled in keeping tasks well-organized and structured, which boosts productivity and minimizes mistakes. I'm adept at planning projects, setting priorities, and managing time effectively, ensuring that my work is consistently efficient.

SKILLS

Programming

Python Java C Javascript Swift
Erlang Elixir Bash React Linux

Data

Hadoop Spark Kafka Firebase
Redis NoSQL Git GitHub

Networking

Docker FRRouting Click Unraid

PROJECTS

Verbalizer

2022 - Present

Architected and implemented a cross-platform text-to-speech software solution using React, Swift, and Node.js, encompassing end-to-end coding for both frontend and backend functionalities, including Google Cloud Platform integration, user authentication, and data storage via Firebase Firestore.

GitHub Repository-Powered Personal Data Backup System

Designed and executed an innovative GitHub Repository-Based Personal Backup System to address the challenges of storing and retrieving extensive data. This involved strategically segmenting directories into smaller files that conformed to GitHub's size limitations, effectively transforming GitHub into a long-term storage solution for substantial datasets. My dual-layered backend, combining Python and Bash, enabled smooth interactions with GitHub repositories.