Steffen Reindl

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SKILLS AND EXPERIENCE

PROGRAMMING LANGUAGES

Scala	Go-to language for implementing services, specifically the Typelevel ecosystem, also possessing experience of Akka-HTTP.
Python	Proficiency in building robust services and rapid prototyping, experience in basic machine learning (Gensim/Keras) and datascience.
Elixir/OTP	Experience in building highly-available services to be used as building blocks in an infrastructure, also some experience using Phoenix as web-development backend.
Haskell	Experience in building highly-correct libraries and algorithm implementations, and using it for prototyping and subsequent scaling.
Rust	Experience in creating CLI tools that do specific, small things well.

TECHNOLOGIES

Functional Programming	I take cues and ideas from maths in order to reduce the amount of bugs and complexity in my code.
Systems Design	I design systems I build for failure, which results in simple, but reliable architectures, easy to maintain and expand.
Metrics	I like for services to have sensible and 'actionable' metrics, for example with DataDog
Infrastructure	I use tools like Terraform and CloudFormation to construct all my infrastructure from day one.
AWS	I have used AWS in a professional setting to construct, load-balance and maintain complex, distributed services.
Tooling	I am very fond of having good tools to work with, and will create and maintain missing tools that simplify work to be done.

EMPLOYMENT

Backend Software Engineer at Ryte, 2017 – present.

- Worked in an agile team developing Scala microservices.
- Conducted R&D in a small team, developing algorithms, libraries and prototypes for the company in a variety of languages and technologies.
- Created and implemented information extraction algorithms, such as an evolution on PageRank.
- Used machine learning (Gensim/word2vec) to categorize and improve website content.

OPEN-SOURCE WORK AND SELF STUDY

Various small CLI tools oriented around managing documents, data and notes. (Github)

Currently working through *Haskell From First Principles*

EDUCATION

Incomplete B.Sc. Computer Science, Technical University of Munich (2016 – 2018)

Abitur (A-levels), Asam Gymnasium, Munich

Average Grade: 2.8
Excelled in computer science and English.

References

Available on request.