About

I am a full-stack engineer & leader deeply interested in agile methodologies, web technologies, software crafting and teaching. I contribute to a variety of open source projects, engage in a multitude of community events, enjoy attending and speaking at conferences.

Work

Remote
04/2021 — 10/2023

Senior Staff Engineer (18 months) / Staff Engineer (13 months)

Working on a big Elixir & Phoenix monolith with a focus on the payments domain, automating processes to ensure safe, quick & reliable payments while improving processes and technology company wide.

- Introduced Background Job System to guarantee reliable asynchronous execution
- Improved processes such as branching strategy (death to long lived branches!) and the RFC process itself
- Advocated for hiring non Elixir engineers & setup a training camp and mentoring structure to help them succeed

Shopify
08/2020 — 03/2021

Staff Developer

Engineering Lead for a team working in the Shipping domain.

Self-employed
08/2019 — 07/2020

Freelance Leader, Developer & Consultant

Consulting, Teaching and Development.

- Helped a company develop their first Elixir project, introducing the technology to the team
- Work on a complex microservice metrics visualization application
- Open Source Work on SimpleCov thanks to Ruby Together
- Consult on the design, architecture & implementation of an open source project, including implementation

Liefery
11/2017 — 2/2019

Tech Lead (de facto Head of Engineering)

Led a team of 15 together with the CTO, handling the day-to-day needs of the team.

- Helped, mentored & guided colleagues through 1o1s, pairing sessions, pull request reviews and knowledge sharing sessions
- Ran retrospective and iteration meetings, continously adapting and improving processes
- Architected and designed features with the squads
- Monitored application performance and fixed performance problems
- Screened and interviewed candidates
- Gathered problems and requirements to define and discuss solutions
- Ran integration projects with customers and other involved parties

Liefery
01/2017 — 11/2017

Senior Software Developer (de facto Team Lead)

Helped operations and partners deliver packages on the same day.

- Built and maintained applications to track shipments, plan tours and manage all required logistics data in Ruby on Rails, Elixir and Phoenix as well as JavaScript (AngularJS, React)
- Stepped in for the CTO during a sabbatical
- Identified and fix performance bottlenecks
- Ran retrospective and others meetings

bitcrowd
01/2015 — 10/2016

Software Engineer

Built applications, helping companies blossom. Worked as part of a team or team lead on customer projects big and small. Introduced practices such as retrospectives and CI-servers and mentored juniors.

Self-employed
05/2013 — 09/2018

Part-Time Freelancer

Occassionally projects related to teaching programming, such as an introductory course at Humboldt-University Berlin.

Volunteer

Conferences

Speaker, Program Committee Member & Organizer

I like to speak at conferences to share knowledge and spread ideas. I have spoken at conferences such as Ruby On Ice, Lambdadays, Polyconf and Full Stack Fest (overview of my talks). I also helped organize JRubyConf & eurucamp 2015 and was a member of the program committee of GOTO Berlin 2014.

Open Source
05/2012 — current — 06/2012 — current

Creator, Maintainer & Contributor

fill me in

- **benchee** a powerful and extensible benchmarking library for elixir and erlang
- **simplecov** the popular ruby code coverage tool
- **Shoes** an easy to use GUI toolkit written in JRuby that I also participated in Google Summer of Code with

Programming Language Related User Group
10/2012 — current

Main Organizer

The user group is a monthly meetup of people interested in a specific programming language and related topics. Each meeting consists of three presentations and a couple of lightning talks. Currently the user group attracts between 80 and 120 attendees per meeting. My main responsibilities are organizing venues, contacting speakers and moderating the meetings as well as the mailing list. Sometimes I also give presentations.

Rails Girls / code curious
06/2012 — current

Coach & Mentor

Rails Girls helps to diversify the tech community by helping beginners to get in touch with programming. I coach at workshops and since 2013 I also coach a weekly project group, the rubycorns, helping attendees grow into Juniors & beyond.

Education

Hasso Plattner Institute
2008 — 2014

🎓 **Bachelor & Master in IT-Systems Engineering**

Final Grade: 1.2 (A)
Specialization: Software Architecture & Internet Security
Thesis: Collaborative Learning in a Massive Open Online Course environment

Blekinge Institute of Technology
08/2011 — 03/2012

🎓 **ERASMUS Master in Software Engineering**

Specialization: Agile Software Project Management

Skills

Enginneering Practices

- agile Software Development (XP/Scrum)
- Test Driven Development (RSpec, ExUnit, Jasmine...)
- Pair Programming
- Version Control (git)

Programming

- Object Oriented Programming (Ruby, Smalltalk)
- Functional Programming (Elixir, functional JavaScript)
- Web frameworks (Ruby on Rails, Phoenix)
- Design Patterns

Leadership Skills

- Run and moderate meeetings such as Retrospectives
- one-on-ones
- Mentoring and Teaching
- Empathy
- Eye for process improvements and bottle necks

Web Development

- JavaScript
- React
- Angular
- HTML
- CSS

Languages

German
Native speaker

English
Full working proficiency

Swedish
Limited working proficiency

French
Basic knowledge