JONAS
LILJESTRAND

Software Entrepreneur

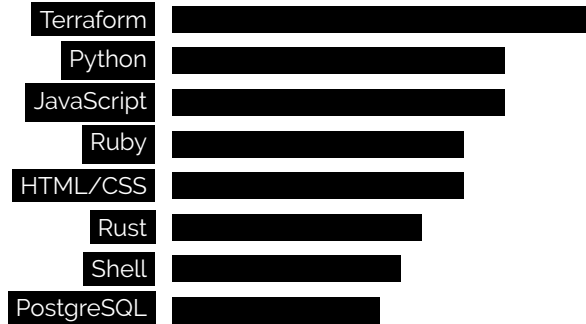📍 Stockholm, Sweden

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WHO AM I?

I am a developer with interest in building useful solutions. I have a passion for learning new things that can help me solve upcoming problems. I think collaborative work is awesome and really appreciate creating solutions as a team. You will find me most skilled in managing cloud infrastructure, but I'm also comfortable working with test driven software development. It is also possible finding me decoding binary protocols in WireShark.

My strongest languages

- Terraform
- Python
- JavaScript
- Ruby
- HTML/CSS
- Rust
- Shell
- PostgreSQL

API design · Backend · Frontend · Infra · Networking

MY DEVELOPMENT PHILOSOPHY

I follow the ethos of the software craftsman, where the tools used are adjusted according to the situation at hand. Delivering value is most important, then it is making sure that the legacy I leave behind stays valuable for a long time. Solutions and code needs to be maintainable and understandable by as many people as possible. I try to avoid overly clever solutions, and I try to pick conservative tech stacks where appropriate.

Everything I do is test-driven and I strive for quick feedback cycles, both from colleagues and from users.

In order to deliver software efficiently, one must also work well among other people. Coding is not a solitary activity, and being able to work together with other people of many different backgrounds and skill levels is important. I enjoy working in this condition and I love sharing knowledge and understanding other people's perspective on things.

Mantras

- No code is better than a lot of code.

- Dependencies are expensive, but custom code can be more expensive.

- Explicit is better than implicit.

- Code should be working, maintainable, consistent, fast — in that order.

- Testing is not optional (but is so much more than just writing test suites).

- Tools should help us. Linters and auto-formatters reduce mental burden.

- Real craftsmen sign their work proudly.

- "Legacy" should not be an ugly word; It's what we all leave behind us.

- Most people are well-meaning and knows things I don't know. Don't assume either malice or stupidity.

Mar 2017 – Present **Infrastructure developer** <div align="right">**Hemnet**</div>

Hemnet is Sweden's largest property portal and one of the largest websites overall, with millions of unique visitors each week. About 1/4 of the Swedish population visits Hemnet occasionally.

I've been working in the Platform team, which deals with internal services, APIs, infrastructure, developer tooling, data storage and retrieval, and developer outreach. My role over the years has involved migrating Hemnet to `AWS`. As part of that I built CI/CD pipelines in `Jenkins` that build, tested and shipped `Docker` images. Also acted as the developer sales department could bring to external meetings when technical expertise was required. `Ruby` / `AWS` / `Docker` / `Terraform` / `Jenkins` / `Postgres`

Maj 2015 – Mar 2017
continued from previous **Full-stack developer** <div align="right">**Get a Newsletter Scandinavia AB**</div>

Get a Newsletter is a marketing tool for creating and sending of newsletters per email. The majority of the time I was there I worked as a single developer managing all parts of the system. That included configuring `PowerMTA` for sending millions of emails per day. I was hired as a frontend developer since I had experience with `AngularJS`.

I built and shipped code that was used in the tool for creating the newsletters. During this time I had to learn `Puppet` in order to maintain the infrastructure. I also worked with rewriting a backend service in `Python` for improving the performance of generating emails which I used `RabbitMQ` for. The migration for that was really exciting and was handled without downtime for end users. `Javascript` / `AngularJS` / `PowerMTA` / `Puppet` / `Python`

Sept 2014 – Maj 2015 **Mobile/Web developer** <div align="right">**Vimy**</div>

Vimy is a job search site that was called YouLinker when I worked there. I was part of a team that worked on a solution for replacing the paper CV with recorded video presentation. The solution worked for some professions like sales. The application was written in a framework called `Ionic` that used `Cardova` to cross compile into native mobile applications.
`AngularJS` / `Ionic` / `Cordova` / `HTML/CSS`

April 2014 – 2017 **Developer/Co-Founder** <div align="right">**Give AB**</div>

Give started as a social gifting mobile application where people could buy and send coupons via SMS or social media. The coupon could then be used in a physical store to redeem the gift of the senders choice. It was an awesome feeling building this and the first time we went to the store next door and redeemed our first ice-cream. Later the focus swifted against business to business and I built the web application customers could run campaigns to send gifts to customers. Also built and designed the API customers could integrate Give in their workflows for automating gift delivery. `NodeJS` / `MongoDB` / `AngularJS` / `API Design`

EDUCATION

2006 – 2008 **Secondary Education** <div align="right">**Vasagymnasiet Arboga**</div>

I finished my secondary education of a custom program that combined software development, web design, and natural sciences.

OTHER POSITIONS

2020 – Present **Materials Manager** <div align="right">**Nacka Hockey - Team 13**</div>

I'm currently a materials manager for my sons hockey team. Where I'm responsible that the team has the equipment they need. Also spend some time sharping skates. This is really funny and good practice for leadership.

LANGUAGES

HOBBIES

Swedish - native
English - proficient

I love playing music at parties and has been a part-time DJ for over 10 years, playing at private parties and nightclubs. I have also done a lot of live streaming and I love the combination of using the technology for capture Audio and Video.

I love playing video games, watching moves and playing around with both hardware and software.

I also like outdoor activities like skiing, hiking. And I'm playing veteran ice hockey, soccer and padel and like being healthy.

TOOLS AND SKILLS

Languages

- Terraform (expert)
- Javascript / Typescript (expert)
- Ruby (intermediary)
- Python (intermediary)
- Rust (intermediary)
- Shell / Bash (intermediary/expert)
- Go (entry-level)
- Groovy (entry-level)
- PHP (long time ago)

Methodologies

- Agile
- BDD / TDD

Tools

- Docker
- Git
- UNIX systems
- Vim

Services

- AWS
- Elasticsearch
- PowerMTA
- RabbitMQ
- Jenkins
- Memcached
- PostgreSQL
- Redis