

Jonathan Sharyari

Software Engineer

Experience

Work Experience

- 2018 – **Software Engineer**, Sigicom AB.
Current Software development and DevOps with a focus on Erlang and Python API backend development.

Key Responsibilities

- Setup and management of Xen virtualized servers in production
- Automation and deployment with ansible
- Continuous integration and deployment using Concourse CI
- CVS management
- Python API development using Django web framework
- Erlang REST API development with Decirest
- Coordinating and executing releases to production

Key Achievements

- Live migration and upgrade of physical and virtual nodes of a production system
 - Transition from Python 2 to 3 of a major code base
- 2015 – 2018 **Personal Assistant**, Alma Assistans.
Assisting an elderly person with their daily activities.
- 2009 – 2011 **Various**, Uplands Nation.
Various responsibilities, ranging from bartending to staff management and event planning and contract negotiations.
- Jun-Aug **Quality Assurance**, St Jude Medical.
2009/2010 Receiving, managing and documenting faulty medical products.

Education

- 2008–2015 **Master of Science and Technology**, *Computer Science*, University of Uppsala, Sweden.
- 2012–2013 **Master of Science and Technology**, *Computer Science*, Freie Universität Berlin, Germany.

Thesis

Flogsavägen 59E – 75273 Uppsala

☎ +46704-16 85 00 • ✉ sharyari@gmail.com

🌐 <https://github.com/sharyari>

Master Thesis, *Uppsala University*, Uppsala.
Algorithmic Analysis of Channel Machines Using Small Model

Some Open Source projects

Pyrlang and Term.

Erlang node implementation and ETF parser in python.

Decirest.

REST API framework for erlang.

Swe-crypto-tax.

Tool for generating tax form entries for crypto transaction.

Computer skills

OS	Linux, Windows
Programming	Erlang, Python, C, Rust, Android, Haskell, Bash
Databases	PostgreSQL, InfluxDB, Riak
Rev. control	Git, Mercurial
Editors/IDE	Vim, IntelliJ, Eclipse, MS Code
Typography	L ^A T _E X, Office
Netwroking	DNS, HAProxy, Nginx
Virtualization	Xen, Ganeti, VirtualBox, Vagrant
Other	Containers System Administration Microcontroller Programming Hardware replacement

Other

Languages.

English (Fluent)

Swedish (Mother tounge)

German (Lived in Germany, C-Level studies at the University)

Persian (Mother tongue)

Spanish Basics (Backpacked Latin America)

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