

about

1984-05-04

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[linkedin](#) [github](#) [key](#)

[timeline](#)

personality

[personality profile](#) , [logic ability](#)

languages

full professional English ([TOEFL certified](#)) , professional working Swedish , native Romanian , used to be fluent in Italian , notions of Spanish & French

programming

since 7 years old , Commodore 64 Basic , Q-Basic , Pascal , C++ , FoxPro , Perl , VBScript , PHP , MySQL , ... , networking ([CISCO certified](#)) , JavaScript & co. , BASH , Prolog , Erlang & co. , finite state machines , HTTP , [for-GET](#) HTTP , REST , [HyperREST](#) , PEG grammars , ABNF , IETF , RFC , web extensions , serverless , data warehouse , Docker , AWS , CI/CD , [rokmoln](#) , ... , [you name it](#) , but more importantly , I'm an [automation/DRY](#) geek , doing the hard things

IT experience

? AB, Stockholm, SWE	TBD	2021 - ____
Tobii Dynavox AB, Stockholm, SWE	Senior Software Engineer Freelancer	2020 - 2021
Tobii Pro AB, Stockholm, SWE	Senior Software Engineer Freelancer	2020 - 2020
Normative/Meta Mind AB, Stockholm, SWE	Lead Backend Engineer Normative is about "Sustainability Reporting Made Really Easy".	2020 - 2020
Tobii Pro AB, Stockholm, SWE	Software Engineer in AdTech (Lead) I'm a central part of Tobii Pro Pulse . Pulse is a unique service that captures >5GB worth of online attention data a day, from >1200 people that are passively browsing the Swedish online, extensively monitoring metrics related to the ads and brands that they are exposed to. See example From a technical perspective this means I have successfully: - developed a complex browser WebExtension that monitors areas of interests (specifically, but not technically limited to ads) on any website, gathering metrics, meta and eyetracking data on an event-driven and message-intensive platform. - implemented a high-load ingestion pipeline on Amazon Web Services via API Gateway, Lambda, SQS, S3, Kinesis, Firehose - set up a data analytics pipeline on AWS via S3 and Athena - contributed to a data retrieval API on AWS via API Gateway, Lambda, Athena - contributed to monitoring solutions via CloudWatch and Datadog, along with Slack integrations - bootstrapped and contributed to a dashboard solution using Auth0, Vuejs and Chartjs that uses modular data retrieval. Hosted on AWS S3 and CloudFront Tobii Pro is the research solution division within Tobii. We help business and science professionals gain real insights into human behavior with leading eye tracking solutions and services. <i>aws, gitops, devops, infrastructure as code, http, node.js, es6/typescript, travisci/circleci/github-actions/teamcity/jenkins/katt, git, erlang</i>	2016 - 2020
Tobii Pro AB, Stockholm, SWE	Cloud/DevOps Engineer on AWS (Lead)	2016 - 2020

I have successfully set up the grounds of Tobii Pro's Cloud Services and CI/CD, like (but not limited to):

- set the team up on Amazon Web Services from ~scratch
- infrastructure as code all the way using CloudFormation, see [more info](#) following an idea from Google Cloud Platform actually (generate json/yaml templates with real code; a back-to-basics version of AWS CDK if you will)
- IAM by the book, see [more info](#)
- set up several projects with serverless (AWS Lambda) environments, utilizing services like: Nodejs/Babel/Typescript/Python Lambdas, Lambda Layers, CloudWatch, CloudTrail, S3, DynamoDB, Athena, Kinesis, Firehose, SQS, SNS, CloudFront, API Gateway, Route53
- set up a modular and language-independent build system based on GNU Make, see [more info](#)
- set up CI/CD solutions
- currently on TravisCI and Github
- previously TeamCity pipelines
- set up crypto/secrets solutions via GPG, Keybase, transcript

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We help business and science professionals gain real insights into human behavior with leading eye tracking solutions and services.

aws, gitops, devops, infrastructure as code, http, node.js, es6/typescript, travisci/circleci/github-actions/teamcity/jenkins/katt, git, erlang

Cisco Systems AB, Stockholm, SWE Engineer 2014 - 2016

Switched focus to backend and infrastructure duties, like:

- Erlang-based JSON-RPC API design and implementation
- set up Jenkins infrastructure and delivery pipeline for Continuous Integration
- switch development environment from SVN to GIT
- set up GIT on Atlassian Stash/BitBucket Server and Gitolite
- tooling

Still engineering [Tail-f NCS](#), but within Cisco's Cloud & Virtualization Group.
Cisco acquired Tail-f in 2014 - [read more](#).

erlang, yaws, http, json-rpc, yang, jenkins/bitten/lux/katt, multi vcs (svn, git, git-svn), multi platform...

Tail-f Systems AB, Stockholm, SWE UI Developer 2013 - 2016

Engineering [Tail-f NCS](#) with a mix of frontend/backend duties.

sencha/extjs, coffeescript, node.js, erlang, http, json-rpc, yang, jenkins/bitten/lux/katt, multi vcs (svn, git, git-svn), multi platform...

Life-Link Friendship-Schools, Uppsala, SWE IT handyman 2001 - 2014

Front- and backoffice duties. Designing and engineering 3 major websites.

php, asp, perl, css, js, sencha, photoshop, cms

Videoplaza AB, Stockholm, SWE Software Engineer 2013 - 2013

Klarna AB, Stockholm, SWE Developer 2011 - 2013

Engineering [Klarna Checkout](#) - full-blown front/backend [FSM](#) prototype, interaction and API documentation, GUI.

Engineering support tools and designing the [Klarna Checkout REST API](#) and other REST APIs.

rest, http, hypermedia, api, js, coffeescript, sdk, gui, ux, i18n, l10n, testing, scripting, erlang

Media & News Stockholm AB, Stockholm, SWE System Developer 2010 - 2011

Engineering a customized social network on top of [SocialEngine](#).

php, mysql, css, js, mootools, jquery, zend framework, socialengine

Island M.U.N.G.A., Isle of Wight, GBR Media Project Manager, Developer 2002 - 2003

php, mysql, i18n, l10n, cmd, premiere, delphi

miscellaneous Web Developer/Designer 2000 - 2005

Island [M.U.N.G.A.](#), Isle of Wight, [GBR](#) 2002 - 2005

Romanian Red Cross, Galati, [ROU](#) 2002 - 2004

Data-Soft S.A., Galati, [ROU](#) 2004 - 2004

Colegiul National "Vasile Alecsandri", Galati, [ROU](#) 2000 - 2004

perl, php, css, mysql, js, photoshop

projects

[rokmoln](#) Father 2020 - ____

A Github organization covering GIT setups, cross-platform CI/CD, cross-platform build system, cross-cloud infrastructure as code.

gitops, aws, cloud, devops, ci, cd, gnu, make, bash, linux, darwin, windows, git

[for-GET HTTP](#) Father 2013 - ____

A Github organization covering PEG grammars, ASTs, parsegens, HTTP algorithms and an FSM for a non-opinionated and comprehensive-spec-coverage HTTP framework, focusing on semantics, and less on the syntax.

HTTP, PEG, grammar, AST, parser, generator, FSM, server, coffeescript, nodejs, webmachine, erlang

[HyperREST](#) Father 2012 - ____

A Github organization covering a set of blog posts and software focused on how-to envision-spec-mock-consume-serve a REST/hypermedia API.

REST, API, HTTP, hypermedia, client, server, coffeescript, nodejs

Snowdrop Father 2009 - 2010

Snowdrop is an academic Information System that merges information from various course management systems in order to provide quick access to vital student information, like messages and schedule.

squace, browser, php, xml, mobile, data mining

[Snowdrop 2.0](#) 2010

[Snowdrop 1.0 \(Codename Klover\)](#) 2009

[Promote Knowledge Management](#) Concept 2009 - 2009

A series of videos playing with audio, video and concepts in order to highlight a knowledge management course.

Labs Widgets 2008 - 2009

[Exchange Rate Dashboard](#)

Google Maps Dashboard

Skyscanner quick links

Mobile tyda.se

Induction to Kista IT University - KTH & SU Facilitator

2008 - 2009

knowledge management, wiki, facebook

Support Community for studera.nu Facilitator

2008 - 2009

knowledge management, wiki, facebook

education

Royal Institute of Technology, Stockholm, SWE M.Sc.

2008 - 2010

Engineering and Management of Information Systems.

Data Warehousing, Web mining, Logic Programming, Knowledge Management, ERP Systems, Requirements Engineering, etc.

University of Humanities and Economics, Lodz, POL Erasmus

2007 - 2007

Corporate Finance Management, H.R. Management, Social Role of Media, Public Discourses, Conflicts and International Negotiations

Romanian-American University, Bucharest, ROU B.Sc.

2004 - 2008

Computer Science for Business Management. Graduated with the highest GPA in the programme.

Database, Programming, Web programming, Networking, IT System Design, Expert Systems, Strategic Management, Probability Calculus, Numerical Methods, Statistics, Accounting, Finances, etc.

papers

Course Analytics Master Thesis

2010

Leveraging course assessment through data mining of student satisfaction

academic quality, academic evaluation, service satisfaction, educational data mining, importance-performance analysis, teaching effectiveness, php, squace, xml

Split Infinitives in Prolog (copy)

2009

Published in Journal of Information Systems & Operations Management

split infinitives, logic programming, prolog

Alignment of Business and IS/IT Strategy at Telenor Sweden (copy)

2009

Published in Journal of Information Systems & Operations Management

strategic alignment, IS/IT strategy, business strategy, organizational strategy, case study, Telenor

Science is a runner. Philosophy?

2009

philosophy, science, essay

Towards Enhanced E-collaboration in Academia (copy)

2009

Published in Journal of Information Systems & Operations Management

e-collaboration, academia, requirements, boundaries, holistic

Web 2.0 Application for Medical Clinique Management Honors Thesis

2008

mixed experience

. Delegate, Speaker

2001 - 2007

international citizenship, sustainability, youth engagement

UNESCO ASPnet Conference, Amman, JOR

2007

Life-Link Friendship-Schools Conference, Sigtuna, SWE

2007

UNESCO ASPnet Training Workshop, Amman, JOR

2007

Global Education Week preparatory meeting, Sinaia, ROU

2006

International Peace Bureau's Conference, Athens, GRC

2003

Island M.U.N.G.A., Isle of Wight, GBR

2003

Peace Festival, Cluj-Napoca, ROU

2002

BratMUN, Bratislava, SVK

2002

Life-Link Friendship-Schools Conference, Sigtuna, SWE

2001

. Group Leader

2002 - 2006

event planning, youth engagement

Where do I belong to II, Norfolk, GBR

2006

Where do I belong to, Brno, CZE

2005

Island M.U.N.G.A., Isle of Wight, GBR

2003

Island M.U.N.G.A., Isle of Wight, GBR

2002