

Miirö Juuso



Versatile technical DevOps leader with 15+ years of experience in software development, networking, infrastructure and business. Founder of 3 start-ups.

Contact	miirö.juuso@gmail.com +44 207 112 9310
Availability	Contract roles, London or remote EU citizen, DBS basic certificate available
Languages	English (excellent written and spoken) Finnish (native) Swedish (moderate written and spoken) German (basic written)
Blog & Website GitHub	https://miiröjuuso.com https://github.com/mjuuso/

Recent project engagements

Global Tour Operator

Architecture Lead for a Cloud Migration project, 2018 (4 months)

I worked with a leading tour operator to plan a migration of their £1B web platform into Amazon Web Services. I led a global team of 4 solution architects and 10 platform engineers to create a migration approach and validate it with a trial run.

Group of Airlines

Technical Lead for a Proof of Concept project, 2018 (2 months)

Our client, a group of airlines, wanted to build a passport-less travel Proof of Concept.

Global Academic Publisher

DevOps Lead for a team of platform engineers, 2017 (8 months)

I took over a siloed team of 4 platform engineers, and re-aligned them with delivery teams to start creating a DevOps operating model. I led my team's effort to migrate and rightsize 200+ legacy servers in AWS. I built a Jenkins-as-a-Service platform to enable delivery teams to migrate away from an unstable Atlassian Bamboo estate.

Relevant career and skills

01/2019 -

Founder & DevOps practitioner, Releaseworks

I've set out to do one thing, and do it really well: help organisations release better software faster.

I bring to the table my deep expertise in cloud technologies and DevOps transformation - and I'm not afraid to get my hands dirty writing code.

- Platform & automation engineering
- Cloud native architecture
- DevOps transformation

07/2016 - 12/2018

Head of DevOps Practice, AND Digital

As the head of DevOps, I was in charge of the specialism within AND Digital. I spent 50% of my time in both advisory and hands-on engagements with clients, with technologies such as Jenkins, Ansible, Terraform, Python, AWS and Google Cloud.

The rest of my time was split between developing DevOps specialists, and acting as a central point of expertise in all things DevOps for AND's over 300 technology consultants.

- Platform engineering management
- Cloud strategy & adoption (AWS, Google Cloud, Azure)
- CI & CD pipelines, Jenkins
- Ansible, Terraform, Docker
- Kubernetes
- Upskilling and coaching
- Organisational change management
- Stakeholder management
- Team leadership (5+)

06/2015 - 06/2016

Head of DevOps, Artirix

I built and maintained development, testing and production environments in a software development agency. I helped build code that provided the best value for the business, and worked daily to create tools and practices to improve workflows.

I was in charge of hiring for the DevOps team.

Our DevOps team delivered a transformation of client infrastructure to a containerized, immutable environment. While leading this change, I had the privilege of solving numerous technical and organizational roadblocks.

- AWS, Google Cloud
- Docker, Kubernetes
- CI & CD pipelines in Thoughtworks Snap-CI, Go, Jenkins
- Python, Go, Ruby
- Capistrano, Fabric
- Elasticsearch
- Puppet, Terraform
- nginx, HAProxy, Unicorn
- Team leadership
- Customer service
- Change management

08/2012 - 05/2015

Business Development & Advanced IT, inDatahouse Ltd

I oversaw the company's technical support team of 4 and assisted in L3 technical support for clients with Linux platforms. I developed processes facilitating growth in support services.

A large part of my work was solution selling to SMEs and the Public Sector, while supporting the rest of the sales team as needed. I was in charge of advanced IT services, system administration and development.

I led a major software development project for a Public Sector client, based on Python/Django.

- Team leadership, BPM
- Technical sales & account management
- Customer service
- RHEL, CentOS, Ubuntu
- Python, Django, MySQL, NoSQL
- Chef & Puppet
- Amazon Web Services
- Wordpress
- Digital Signage
- Google Apps & Google Apps Script

04/2009 - 08/2012

Co-founder, Concurio Ltd

We created a SaaS offering for startups to build their e-commerce business on, as well as a cloud-based backup service as a separate product. The platform was Python and Pylons.

I was in charge of migrating legacy servers to AWS.

The company's functions were purchased by inDatahouse in 2012.

- Linux (Debian, Ubuntu)
- Python, Pylons, PHP
- AWS EC2
- Magento
- MySQL, MongoDB
- OpenVPN
- Team leadership
- Technical sales, marketing

04/2004 - 12/2010

Founder, Frozen Hat

I built and ran an ISP (AS47508), including all necessary routers and hosting services. I designed and deployed a 30+ physical server DC with virtualization based on Linux and Xen, with full power, AC & network redundancy (no single point of failure).

I designed and implemented 50+ websites, 4 separate e-commerce platforms and 3 custom CMS platforms with mostly PHP. I also developed operating software for an embedded POS platform in C++.

My company's merger with Concurio was finalized in 2010.

- *NIX (Debian, RHEL, BSD)
- C/C++, Bash, Perl, Python
- PHP, MySQL, Javascript, HTML, CSS
- Xen, KVM virtualization
- GlusterFS, NFS
- pfSense, Vyatta, Quagga
- Nagios, Zabbix
- IP, TCP, UDP, BGP4+, IPv6, OSI layers, (R)STP, global routing policies & best practices
- Sales, customer service

08/2002 - 04/2004

Founder, D5K Networks

I ran a hosting and e-mail service built on Apache and qmail. I also freelanced building web applications on the LAMP stack for a EU-funded Nordic collaboration project.

- Linux
- Apache
- MySQL
- PHP

Recent publications and speaking engagements

2018	Building Autonomous DevOps Capability in Delivery Teams <hr/> Article in Better Software Magazine, January 2018 issue
2017	Implementing Digitalisation in SMEs <hr/> Talk at Digitalisoi 2017, Finland
02/2017 - present	Get into DevOps, getintodevops.com <hr/> My blog reaches over 19,000 DevOps professionals monthly.

Other experience and qualifications

11/2017 - present	Teacher , Udemy <hr/> My online courses under the <i>Get into DevOps</i> brand have been completed by over 2,900 students to date.
2017	Founder , Dymame.net <hr/> I built a free dynamic DNS service with RESTful APIs and integrations to AWS and multiple operating systems. The service hosted 21,000+ hostnames globally before I decommissioned it. The service was based on a bespoke DNS server implementation I wrote in Python.
01/2014 - 12/2014	President , Junior Chamber International, Rovaniemi <hr/> As the president of our JCI chapter, I led a team of 7 board members. I planned, prepared and executed various charity projects. I worked closely with local government to improve our operational environment. Backed by my excellent team, we achieved positive change in our local community. Skills gained: Leadership, project management, public speaking
2010	Certified Scrum Master <hr/> CSM training and certification completed
2010	Pilot License <hr/> SP UPL, national student license for light aircraft, LSA equivalent

References

Excellent references available upon request. I try hard not to burn bridges.