

# Morten G. Liebach

## Curriculum Vitae

Himmerland  
Denmark  
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I want to work in a small DevOps or Security focused team with clear leadership allowing me to focus on the technical aspects where I excel.

My experience involves basically the full stack involved in running internet services, including backup, firewalls, managing server rooms, upstream internet providers etc.

I live with my wife in a village in Himmerland, Danmark, and have my 2 teenage kids every other weekend.

## Skills

- Operating Systems Everything UNIX; Linux (Ubuntu, Debian, CentOS, RedHat & NixOS), OpenBSD, FreeBSD, Solaris and HP-UX. I particularly love OpenBSD.
- Programming Shell scripting, Python, Perl, Ruby. Some C, C++, C# and Java. And Ansible. Generally I can make sense of what's going on in all common languages.
- Organisation I have experience from companies between 20 and 20000 employees. My preference is for working in a small tight knit team.
- Protocols HTTP, TCP/IP, SMTP, DNS, TLS, SSL etc. I generally know what I need, and if I don't, I learn quickly.

## Experience

### Vocational

- 2019–2021 **Senior Consultant**, *Netic*, Aalborg.
  - Deploying and running a big part of the Danish healthcare backbone on Ubuntu
  - Doing as much as possible with Ansible and AWX
  - Ubuntu OS release upgrades, particularly handling all the things that breaks in an upgrade
- 2017–2019 **Consultant**, *Liebach Consulting*, Jebjerg.
  - Independent consultant doing Linux & DevOps consulting.
  - Merging git branches in a several 100.000 LOC Java project
  - Coordinating and getting releases built
  - Writing instructions for deployment
  - Assisting the hosting partner with deployment troubleshooting

- 2015–2017 **Systems Engineer Specialist**, *Grundfos*, Bjerringbro.  
Running mostly Java apps on Linux.
- CentOS servers with everything done through Ansible
  - Primarily focused on Adobe AEM, with some WebSphere & JBoss
- 2014–2015 **Teacher Assistant**, *Bjerregrav Skole*, Randers.  
Obligatory “activation” in Randers county, when unemployed. Helping with all physical education from 1st to 9th grade, and also some math, biology and geography classes. Not by choice.
- 2012–2013 **System Administrator**, *PIL.dk*, Aarhus.  
Working on both the QuickPay payment gateway and the hosting business.
- FreeBSD and Ubuntu servers, managed by the in-house developed PEPSI tool
  - Mercurial and git/GitHub for source code management
  - Development of an MPI (part of 3D Secure) implementation in the Padrino ruby framework
- 2010–2012 **System Administrator**, *DanDomain A/S*, Randers.
- Responsible for Ubuntu Linux servers
  - LVS load balancing and Vyatta firewall appliances
  - Switch updates and configuration, datacenter maintenance
  - Backup, especially scripted database backups
  - Data Custodian on PAY.DanDomain.dk payment gateway
  - Windows maintenance and configuration
  - 2<sup>nd</sup> & 3<sup>rd</sup> level support
- 2010 **System Administrator**, *24-7 Entertainment*, Copenhagen.  
24-7 Entertainment whitelabel music shops and streaming services for customers.
- Primary responsible sysadmin for the Linux servers (CentOS, RedHat)
  - Ran Tomcat with Oracle backends for frontend applications
  - Working with 10 Gbit connections, VLANs and trunked/bonded interfaces
  - Handling SSL certificates on Juniper firewalls & load balancers
  - Set up Active Directory authentication for all Linux servers
- 2009 **System Manager**, *Preview Networks*, Copenhagen.  
Preview Networks helps film distributors with promotion, and makes it easy for website owners to feature trailers.
- The only system administrator, and as such I did a little of everything regarding
  - Maintained a FreeBSD and Apache/PHP/PostgreSQL based setup
  - Restructuring the network
  - End user support and administration in the office

- 2004–2009 **System Administrator**, TELMORE A/S, Taastrup.  
TELMORE is a virtual mobile network operator.
- Maintained and built infrastructure based on FreeBSD, Solaris 10, J2EE and Jboss with an Oracle backend running on HP-UX 11i
  - Designed and built the Linux-HA and Idirectord based HA/load balancing setup for *www.telmore.dk*
  - Primary maintainer of the HP ProCurve switch configurations, IPFW and pf firewall configurations and Rancid backup system
  - VPN on Cisco ASA 5500 appliances
  - NetBackup on HP-UX and FreeBSD
  - HP EVA-5000 SAN, Fiber storage network, HP PA-RISC servers
  - Renewal and installation of SSL certificates
  - Administrator for the company Digital Signature LRA-certificates
- 2003–2005 **Coord Team Member**, *Linuxforum*, Copenhagen.  
Was one of the members of the *coord team* organizing the old Linuxforum conference, now renamed Open Source Days.

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## Education

- 2014 **NLP Business Practitioner**, *RM Academy (Kristjan Lange)*, Aarhus.  
A business focused NLP Practitioner course with certification, focused on coaching and management.
- Working with relations, thoughts and emotions
  - Motivate self and others
- 2004 **Java XML Developer**, *ITA (now 4Mat)*, Copenhagen.  
Stopped the course when I was hired by TELMORE
- Business understanding and project management
  - Architecture and design
  - Professional Java
  - XML with Java
  - Data security and encryption
- 2003–2004 **Microsoft .NET developer course**, *SoftAdvice*, Copenhagen.
- Project Management and control
  - Using UML, Unified Process and Design Patterns
  - The latest ideas, concepts and products from Microsoft; Visual Studio .NET, C# and others
  - Use of MS-SQL (MSDE) and MySQL backends
- 2002–2003 **First Semester as “Datamatiker” courses**, *Niels Brock*, Copenhagen.  
“Basic Programming in C++” and the first part of “System Development”.
- 1998–2001 **Lab Technician**, *Laborantskolen Århus*, Aarhus.  
Trainee at Fødevareregion Århus.
- Concentrated project based teamwork and exams
  - Data collection, analysis and report writing in Microsoft Office
  - Quality Control and statistical control of results
  - Documentation of procedures and methods

## Pre-1998

- 1994–1998 Math/Physics at Aarhus University *Passed no exams, mostly had various jobs and upgraded my HF exam*
- 1992–1994 HF Exam *At Thisted Gymnasium*
- 1991–1992 Firefighter *Training while in the service at Nordjyske CF Kolonne*
- 1988–1991 Trained Forest Worker *EFG Jordbrug, Aalborg/Skovskolen, Nøddebo/Dronninglund Storskov*

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## Languages

Danish Mother tongue

English Fluent

*I have worked in English in several jobs*

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## Interests

2017–2019 **Coach & Founder, tri+.**

A hobby business providing triathlon coaching and related activities.

2017 **IRONMAN Certified Coach, IRONMAN University.**

The program offers a unique learning system where you are educated through a wide array of interactive exercises designed to reinforce, retain and apply coaching skills and techniques.

2012– **Triathlon Coach, Randers Freja Triathlon.**

Swim coaching and occasional talks, individual help to club members.

2012– **Triathlon Coach Education, DIF & The Danish Triathlon Federation.**

Have done Coach level 1 and level 2. Both consist of a general DIF part, and then a triathlon specific part.

1992– **Triathlon.**

Got the triathlon bug as a 21 year old, and have been a triathlete ever since. I did forget to train for 8 years (1997–2005) but otherwise I've kept myself reasonably fit, doing 6 Ironman distance races in the process, plus a lot of shorter races. It's my relaxation.