

Personal information

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Date of birth: 21. september 1984 in Vejle
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Civil status: Living with my fiancée Marie, and our children - Mikkel born in 2014 and Karla born in 2016

Summary

- Experienced R&D Engineer with a proven history of working with platforms ranging from low-power Cortex M to high-end 64 bit multicore platforms like Xilinx ZynqMP.
 - Strong engineering professional, skilled in Linux, Embedded software, C++, Software Design and System Architecture
 - Focuses on Linux - Taking the role as Embedded Linux Architect.
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Experience

04.2014 - **Appointed examiner, Danish examiner corps**

As part of the Danish examiner corps I am helping the universities grading exams up to candidate / master level. I primarily work with the engineering departments of DTU - Technical University of Denmark and SDU - University of Southern Denmark.

01.2011 - **Firmware Design Engineer, Phase One A/S**

Key member of the R&D team for the leading medium format camera company. Started as a general firmware Engineer and have over time been involved with nearly all aspects of firmware for industrial cameras, digital backs, lenses and camera bodies.

My areas of work have been numerous ranging from small C projects for Cortex M0 to big Linux projects using high-end platforms like Xilinx ZynqMP.

Being a Linux enthusiast since 2004, means I have tried to focus on Linux related projects whenever it was possible. I constant push towards a better use of Linux including using the modern de facto tools like Yocto for embedded Linux.

I am the in-house Git expert and was the driving force for switching to git across the company. I run git-training, governance of server, tools, etc.

Experience

- 04.2008 - 08.2010 **System-administrator, Epidemiology - University of Southern Denmark** (Student job)
Helped with a new structure for the Danish Twin Registry. Tasks included SSL VPN, RSA SecurID, server virtualization and more.
- 07.2006 - 05.2010 **System-administrator, Department of Biostatistics - University of Southern Denmark** (student job)
Linux system-administrator. Handled Linux desktops and the server back-end. Recommendation and job description can be obtained by contacting me.
- 02.2007 - 08.2007 **Internship, APC, Kolding**
Internship as a firmware engineer at APC in Kolding. Handled the implementation of battery surveillance in their PX2 UPS system.
- 09.2003 - 04.2004 **Self-defence instructor at Jelling evening school, Vejle**
Evening courses at Bredagerskolen in Jelling. The job required among other things skilled teaching and communication abilities.
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Education

- 2008 - 2010 **Master in Robot Systems Engineering**
M.Sc.E.E. from University of Southern Denmark - With embedded systems as area of specialization. Keywords are Firmware, Realtime, FPGA, System on Chip, etc. Diploma and education description can be obtained by contacting me.
- 2004 - 2008 **Electrical engineer**
B.Sc.C.E. from University of Southern Denmark - Diploma and education description can be obtained by contacting me.
- 2000 - 2003 **Higher Technical Examination**
Graduated with a Higher Technical Exam from Vejle Upper Secondary Technical college. This is qualification for admission to university. Diploma can be obtained by contacting me.
- 1990 - 2000 **Public school to 9. grade**
Completed the public school in Vejle at Sct. Norbert.
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References

- Lars Hvidberg** System-administrator - Accountable for the Danish Twin Registry, Epidemiology, University of Southern Denmark.
- Lars Korsholm** Former associated professor and IT accountable, department of Biostatistics, University of Southern Denmark.
- Michael Pedersen** Former engineering team leader, Schneider (APC), Kolding
- John Lundgreen** Former president for Amanogawa Fighting & Fitness, Vejle
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Language

Fluent in Danish and English.

German, Swedish and Norwegian at simple conversation level.

Leisure pursuits

Foreningen Kollegienet Odense

I have been highly involved in all aspects of FKO – Foreningen Kollegienet Odense. This is an Internet Service Provider with the purpose of providing cheap Internet to students in Odense.

- Server group (08.2005 - 04.2012)
The group where I started in FKO. It handles the different services FKO offers, like DNS, mail, web, irc and so on.
- Net group (01.2007 - 04.2012)
This group handles the core network of FKO. The equipment is predominant from Cisco, with servers for handling statistic, DHCP, logging and network login.
- The board (04.2006 - 04.2009)
The board handles the administrative of the association. Tasks handled by the board includes defining strategy and vision, handling employees and budget in the vicinity of 2 million kr. I was vice-chairman from 2006 to 2008, and chairman from 2008 until I resigned at the annual general meeting in 2009.

Budo sport

Budo sport was an interest in many years for me. I was affiliated with Amanogawa in Vejle from spring 1996 to the autumn of 2007, where I also was part of the associations board in 3 years. I was certified instructor for all SFM ranks, plus graded to 1. kyu. in Amanogawa Ryu MMA, 5. kyu Aikido Aikikai and 5. kyu Jiu-Jitsu M/B.
