

KIM LØFKVIST

PROFILE

I am 38 years old. I am married and the proud father of two kids – a daughter at 18 and a son at 11 years of age.

I believe myself to be a skilled electronics engineer and software developer.

My main experiences are in software development on embedded RTOS-, UNIX- and Windows-based platforms but the last few years some web-development has sneaked up on me.

I am professionally a very curious nature. This allows me to gain knowledge of new areas quite quickly as i have an urge to expand my horizon and i never give up until i reach my goals. I am thrilled by challenge, the more complex the better.

My personal assets are:

Calm and balanced personality, good general view of things, good sense of humour, social skills, able to handle numerous tasks simultaneously.

PROFESSIONAL QUALIFICATIONS

Expert:

ANSI C

Borland Delphi

Higher level:

Embedded software development

Real time software development

Windows software development

UNIX / Linux software development

Assembly language

C++

C#

ASP, ASP.NET

PHP

AJAX

SOAP

XML

DRM / MS-DRM

JavaScript, VB-Script

Project planning and specification

Project supervising

Controlsystems

Analog electronics

Digital electronics

MMI / GUI design

MS-SQL

Stored Procedures

MySQL

Linux, Apache, Bind, Sendmail

Support and hotline

Documentation

Lower level:

Java

Perl

Data aquisition and analysis

Digital Signal Processing

Filter techniques

EMC

PLC

LANGUAGES

Danish – Mother tongue.

English – Writing, reading and speaking allmost as mother tongue.

German – Able to engage in conversation. Skilled reading and writing.

Spanish – Very basic conversation skills.

French – Very basic conversation skills.

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WORK EXPERIENCE (NOT EXTENSIVE)

PERIOD

- 05-2010/now Software consultant on Muvee – movie streaming site.
Project for SafePRO Solutions below but new organisation.
- 03-2005/05-2010 Technical Manager @ SafePRO Solutions A/S Media download solutions
Involves Linux-server, MySQL, C++, Delphi, XML, DRM, ActiveX, Encryption, Windows server, ASP, PHP, AJAX, SOAP. Minor involvement in developing DirectX media-library visualization.
- 03-2004/10-2006 Danish Postal Service
Statistics software for optimizing package & letter sorting procedures. Implemented a 'playground'-environment to test different scenarios along with tools to visualize data back in time.
- 06-2004/07-2004 Digital Camera Driver, Maxon Telecom
Implemented devicedriver for digital camera embedded in an Intel Xscale based mobile phone running Symbian.
- 08-2003/11-2003 Russian fish farm administration system
Implemented a system consisting of 24 embedded controllers and a Win32 application to control and administrate a fish farm in northern Russia. Project included data communication via a RS485 network, data acquisition from various sensors and statistics functionality.
- 08-2003/11-2003 Control system for water-depth, Tangeværket, Silkeborg.
Embedded system controlling a mechanical port, which maintains a preset water depth.
An ARM-based web-server running embedded Linux was used to implement a supervising- & control-interface.
Project involved data communication via FTP, HTTP and RS232.
- 01-2002/11-2003 Farmer Payment System - Dairy tool
Large project implementing a complete system to handle dairys payment to farmers in northern Sweden.
Project involved MS-SQL programming, data communication to an embedded control-system in milk trucks and a Win32 application to assemble it all.
- 01-2002/01-2003 Payment system for shooting grounds
Implemented a payment system using chip-cards and different shooting scenarios for clay-target shooting grounds.
Data communication via RS485 was implemented to enable a supervisor to control the embedded payment systems via a Win32 application and fetching statistics data.
- 01-2002/01-2003 Magnetism treatment system
Designed both hardware and software for a medical magnetism treatment system. Also participated in the process of EMC-testing and getting medical equipment approval.
- 02-2000/12-2000 Unix based system for LaPoste, France
Unix-based sorting-system in Toulouse, France.
Involving data communication via RS485 and Ethernet.
For this project, a web-based control interface was implemented.
- 01-2000/08-2000 Hotline/support on Unix mission critical system
Spent 8 months in a hotline/support division where the ability to solve customers problems was the main objective.
Lots of Unix C, analysing logs, code-review, customer contact and the like.
- 08-1999/12-1999 Sorting system for distribution centre
Unix-based system for handling a sorting system in La-Curuna, Spain. Project involved data communication via RS485 and Ethernet.

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EDUCATION

PERIOD HIGHER EDUCATION

- 08-1995/06-1999 Bachelor of Science in Engineering with Honours
University College of Aarhus, Denmark.
Main thesis in Computer Science and Digital Signal Processing.
- 01-1994/06-1995 Admission course for university college
High level mathematics, physics, chemistry, history of science, Danish, German and English.
- 12-1990/12-1993 Apprenticeship, Electronics mechanic
Three years of apprenticeship.

PERIOD PROFESSIONAL EDUCATION

- 11-1999/03-2000 Quick Course in Spanish
Basic Spanish conversation skills.

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VOLUNTARY WORK

I am doing voluntary work in the local youth club. Supporting kids and youngsters, seeing them prosper and grow is giving me great value.

Currently I am working on adding schoolwork help to this work. I find great passion in teaching physics and mathematics.

OTHER AREAS OF INTEREST

I am an amateur astronomer – recently more active as my kids are also becoming more interested as time goes by. We have spent the last few months building our own telescope with a computerized drive. Latest addition was a web-camera modified to enable long exposures, which lets us enjoy astronomy in front of the computer without having to be out in the cold.

I am a car fanatic. I am into both classic and recent models, knowing practically any car produced in Europe and Asia. I am doing my own repairs and modifications as i enjoy getting my hands on mechanics.

I kitesurf as a recreational sport. The intensity of kitesurfing lets me free my mind from any stress and worries and after a day on the water I am born again.