Curriculum Vitae

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Work experience:

August 2021 – July 2024: B3 Reach Consulting, Consultant in software and program development for embedded systems. The consultancy assignments were i.a. on:

   • Peltor: Reimbursement of software in Peltor military hearing protection.Konsult inom mjukvara och programutveckling för inbyggda system. Konsultuppdragen var bl.a. på:

- **Peltor:** Reimbursement of software in Peltor military hearing protection.
- **Saab Training System:** Support in 3PP analyses, test code for generic i2c drivers, stimuli to generate and test virtual projectiles.
- **GreenWorks:** Linux knowledge and Yocto distribution.

August 2013 – June 2021: Saab Avionics, software engineer and application development. Test and development of drivers for the Jas Gripen.

August 2008 – June 2013: Cybercom Sweden West AB, Consultant in software and application development for embedded systems. The consultancy assignments were i.a. on:

- **Saab Training System:** Simulator software for the RB57.
- **Saab Avionics:** Test and development of drivers for the Gripen.
- **ACG-pulse:** Maintenance of C++ code for clothing vending machines, as well as RFID application for Borås textile museum.
- **BAE:** Linux driver for artillery control card.
- **SOME/IP:** Communications stack for a UK vehicle manufacturer.
- **ITAB:** Gate opener code for stores and general Linux support.
- **Kongsberg:** Software for gear levers for cars.
- **Kapsch:** Test equipment for transponders and course in DSCR communication in France and Spain.

June 1997 – May 2008: Kapch TrafficCom AB (formerly Combitech Traffic Systems AB, Jönköping), Software engineer and program development. The projects included, among other things:

- **Transponder customizations and software** to create them based on template files and smart cards with encrypted keys.
- **Course in DSRC communication** for TrafficCom's customers.
- **Production and test software** for manufacturing transponders and transceivers.
- **Controller for DSRC communication** with and control of booms in a Single Lane system.

Utbildning/kurser:

2014: Safer C, 3 dagar, via work at Saab Avionics.
2011: Databases and object-oriented programming in PHP 5p, University of Blekinge.
2006: Various courses in e.g. database management 10p, University of Jönköping.
1996: General university degree of 80p (of total 100p)**,** University of Skövde.
1995: Programming language C++, 5p, University of Skövde.
1989–1991: Data och Elektroniklinjen, (95p of 120p), University of Skövde.

Programming language:

- **C,** very good knowledge.
- **C++,** very good knowledge.
- **C#**, very good knowledge.
- **PHP**, very good knowledge.
- **SQL**, very good knowledge.
- **Perl**, very good knowledge.
- **Python**, very good knowledge.

Experiences:

I have very good experience in the design, implementation and programming of systems and applications for Windows and Linux environments. Among other things, I have worked with:

- Set up and configure the Jenkins automation server.
- Network communication and control of systems via TCP/IP.
- Object-oriented design.
- System work regarding production equipment and development software, as well as implementation of the same.
- Embedded **Linux** for both standalone and networked systems.
- Programming and management of **Smart Card** for secure management of secret keys.
- **Lexx** and **Yacc** for the development of a configuration interpreter and a simplified scripting language to be able to dynamically manage key derivatives and serial number lists.
- Implementations and programming under **Windows**, **DOS**, **Linux** and real-time OS such as **QNX, Net+OS**, **ThreadX**.
- Driver development under **Windows**, **MS-DOS**, **Linux** and **QNX**.
- A web-based search engine for the company's internal documents based on **Apache, Swich-E** and **Perl**.
- Installation and maintenance of a local **Wikipedia** at the company.
- A simpler **Client/Server** solution of the **SOME/IP** protocol for a car manufacturer.
- Has developed a self-study course in **Linux** for internal competence development.

Work interests and goals:

I would prefer to work with:

- System and application development within real-time and embedded systems.
- Network programming and application design in one form or another.
- Administration of Linux/Unix systems and networks.

Other:

Chairman and instructor in Budoklubben Yoi: Is the main responsible instructor, responsible for grading and child and youth leader. Has been a instructor since 1981. Has a Black Belt (2 Dan). Holds various instructor licenses as well as an aspirant license as a judge.

Chairman och secretary of Västergötlands Judoförbund: Has been involved at district level as secretary and chairman for a few years.

Developed an IT system for own club: Developed the web-based system the club uses for attendance management and invoicing (**PHP**/**MySQL**/**Perl**).

Co-founder and initiator of the domain 'och.nu': Has since 1998 managed the management of this internet domain. This includes administration and maintenance of the website, mail and spam handling (**html**, **PHP**, **Perl** and **MySQL**).

Language: Swedish fluent, English good knowledge.

Driving license**:** A och B.

References:

Can be sent on request.