Curriculum Vitae (CV)

Name *Jan Classon*
Year of birth *590203*

Education

1992 Autumn	*Economy course (half time studies)*
1991	*Chalmers University of Technology in Gothenburg. Degree in Master of Science in Electrical Engineering. Some typical courses are mathematics, electronics, computer technology, electromagnetic field theory, radio & microwave technology.*
1982	*Stagnelius Secondary school in Kalmar, one-year natural science course.*
1981	*Lars-Kagg Secondary school in Kalmar, two-year electro-technical course, control technology branch.*

Courses

2006	*Certified NLP Practitioner, Business NLP Sweden AB, Richard Bandler, Öland*
2006	*Windchill ProjectLink 'To cooperate in distributed development projects', Kalmar*
2005	*EMC course, BT Kalmar*
2003	*Six Sigma Analyst 1, BT Kalmar*
1999	*RAM and LCC, Adtranz Sweden, Västerås*
1998	*Mobile data communication system, STF Ingenjörsutbildning AB, Stockholm*
1997	*Radio Communication I, base knowledge in radio communication, STF Ingenjörsutbildning AB, Stockholm*
1997	*Antenna technology, electromagnetic field theory, transmission, STF Ingenjörsutbildning AB, Göteborg*
1997	*Intranet, STF Ingenjörsutbildning AB, Nacka Strand*
1997	*LONWORKS Training Course, provide foundation for developing interoperable LONWORKS based devices and control networks, Weidmüller, Malmö*
1993	*Basic course Alan Bradley PLC-5 family, Alan Bradley Quality, Kalmar*

Language	*Swedish & English*	
Military Service	*1978-79*	*Artillery seaman in the Navy*

History of Positions	*2006-*	*Kalmar Engineering Network Infotainment AB*
	1997- 2005	*Bombardier Transportation Kalmar*
	1993-1997	*BFE Benima AB consultant agency, Kalmar*
	1992-1993	*IP Industri & Projektconsult AB consultant agency ,Kalmar*
	1989-1992	*Monsteras Pulp Mill, Computer system dept.*

Reference of work

2006 - ***Kalmar Engineering Network Infotainment AB***

Start up own business during turn of the year 2005/2006.

Reference projects:

Bombardier Transportation (BT)
Elaborate type test instructions for PIS and Fire detection system to Regina China (20EMU CHE) as a consulting assignment, January – May 2006

Hörmann Funkwerk Kölleda GmbH
Installation engineering for GSM-R installation on the Arlanda Express trains. The main tasks were inspection of the existing NMT and short-wave train radio system at Arlanda Express workshop. Electrical construction of demounting and mounting of the existing train radio system to the new GSM-R train radio system. Write installation documentation, May – September 2006.

Bombardier Transportation, Norway
System responsible for PIS, PA, Fire detection, On Board Repeater, Inductive loop and WLAN. Class 5, 69C and FIM for NSB July 2007 – September 2010

SL
Specialist support and system responsible for PIS and Communication systems September 2010 –

1997- 2005 ***Bombardier Transportation (BT)***

Employed by Adtranz (present BT) in Kalmar to be system responsible for the work with Passenger Information System (PIS). Appointed as technical leader for the infotainment group which was created in the summer of 1998.

The main tasks for the position as system responsible were:

- *To provide technical support in bidding procedure*
- *Interpret customer specifications and elaborate technical system requirement specifications during purchasing process in projects.*
- *Evaluate system supplier quotations*
- *Provide technical support to responsible system purchaser from concept phase to finally implementation of the system*
- *Define mechanical, electrical and functional interface to other system in the train, especially to the train computer system, the passenger areas and the cabs*

- *Responsible for the system design reviews, internal to project management and external to end customer and suppliers.*
- *Supervise and approve FAI (First Article Inspection), FAT (Factory Acceptance Test) and SAT (Site Acceptance Test)*
- *Participate and support during commissioning*
- *To elaborate, plan, supervise and accept system Type Tests (stand still and line test)*
- *Provide technical support to the quality responsible*

1997- 2005 ***Bombardier Transportation (BT),*** *continue*

The main tasks for the position as technical leader were:

- *Overall technical responsible for the Infotainment group, BT Kalmar*
- *Responsible for selection of type of technology within the system area in tenders and projects*
- *Responsible system knowledge feedback of old project to new project*

Global Commodity Team (GCT) (autumn 1997)
Member in the Global Commodity Team (GCT).

The group purpose was:

- *To reduce the number of suppliers and standardize the PIS to decrease costs.*

Centre of Competence (CoC) team for PIS & CCTV in autumn 1999
After a reorganization of the global commodity team I became a member in the Centre of Competence (CoC) team for PIS & CCTV, (CCTV = Closed Circuit Television)

Major work tasks in the GCT& CoC team were:

- *To work with the standard system specification for the PIS which resulted in the signing of the first long term supply agreement year 2000.*

Reference projects:

OTU, Oeresund train unit between autumn 1997 to spring 1999
Responsible for the specification and the implementation of the PIS to the Oeresund train unit.

Development projects, LON-works and Intranet onboard train 1997- 1998
LON control system for interior, Intranet onboard train

X2K, spring 1998 – spring 1999
System responsible for the train radio system to X2K.

Development project, Crusaris 250 trans-European intercity train, December 2000- May 2001
Vehicle Engineer Interior for the Crusaris 250 trans-European intercity train development project.

Regina SJB since spring 2001
System responsible for the Rear View Video Mirror system to Regina SJB.

OTU, Oeresund train unit
System responsible for the PIS in Oeresund train unit (completion phase).

Bids
Responsible for approximately fifteen PIS, CCTV and train radio bids.

OTU, Oeresund train unit, 2004 – 2005
System responsible for the GSM-R to Oeresund train unit.

20EMU CHE, 2005
System responsible for the Video entertainment system to Regina China (20EMU CHE)

1993-1997 ***BFE Benima AB consulting agency***

Reference projects:

Monsteras Pulp Mill, Monsteras
Project manager for new controlling systems at the chemical plant.
Project manager for the database to the new laboratory & information system.
Responsible for the research and inquiry's of new process information system.
Course leader in various software applications.

Scania, Oskarshamn
Programming of the HVAC control system for a new painting Plant.

Atlas Copco AB, Kalmar:
Re-programming of an automatic measurement system for motor and hydraulic drills.

Windab, Eksjo
Conversion and re-programming from Siemens controller to Allen Bradley controller of conveyor controlling system used by newspaper printing industry.
Programming and put in operation of a compactor and conveyor system at Mirror Color print in Watford, England.

1992-1993 ***IP Industri & Projektconsult AB consulting agency, Kalmar***

Reference projects:

Monsteras Pulp Mill
Programming of electrical energy report application.
Programming of an application for transmission of process data to the pulp mill report generator.

Kalmar wastewater treatment plant
Electrical design, cable planning and put in operation of the wastewater process system.

Vastervik heating plant
Design, programming and put in operation of a lime transport system.

1989-1992 ***Monsteras Pulp Mill, Monsteras***

Electrical department. (6 months)

Programming of electrical energy report generator.
Programming of data conversion application.
Research and development of report models to the maintenance computer system.

Process computer system department

Routine jobs:

Programming of process calculations, report generators and controlling functions.
Database changes of process variables
Fault tracing of software & hardware
System upgrades.

1989-1992 ***Monsteras Pulp Mill, Monsteras,*** *continue*

Reference projects:

Automatic process data analyser system
Development of communication protocol for an automatic process data analyser system.

New pulp dirt analyser
Development of communication protocol & user application software for a new pulp dirt analyser.

Boil & bleach plant
Development & research of new controlling functions to the boil & bleach plant.

Pulp package marking system & pulp package storage system
Research of pulp package marking system & pulp package storage system.

Data collector system for transmission to external computer systems
Research & Development of data collector system for transmission to external computer systems.

Others:
Course leader in general computer technology for laboratory personnel.
Course leader in ASEA MP200 controlling system fault tracing.

1989 ***Thesis work at Monsteras Pulp Mill***

Reference project:
Electrical power consumption & power consuming objects
Survey of electrical power consumption & power consuming objects at Monsteras Pulp Mill.

1987 ***Practice work at the electrical department at Monsteras Pulp Mill:***

Reference project:
Variable-speed control of pumps via frequency controller
Research of profitability by variable-speed control of pumps via frequency controller.

Summary

A summary of the areas were I have high experience and knowledge which I have acquired in my profession during the years are:

Information systems both in process industry and onboard trains.
Control systems (mainly ABB Advant Control and Alan Bradley) and programming and system design of such.
Computer technology, network technology, communication, programming in high & low level languages, database technology.
Operators systems, terminals and panels.
Control engineering.
Computer based measurement systems and analyze systems

Other areas were I have good knowledge about are:
Electronics

Contact information

Electrical Power technology
Instrumentation technology

Mobile phone: +46 (0)735 310 315 *e-mail:jan.classon@ken-in.com*
www.ken-in.com