

CURICULUM VITAE

SHORT SUMMARY:



One might believe that after 50 years on the Labor Market, you most of all wish to retire and enjoy your retirement. That is just not the way I feel, probably because I have been lucky, to be allowed to work with something that really has interested me.

My last job as full time employed was as consultant (Engineer Mechanical Design) at [NOV \(Notional Oilwell Warco\) in Norway through HH-Consult A/S](#). It was a [developing and educational job](#). I quitted with some feeling of sadness. I was really allowed to work with Inventor, as my primary work program.

I stopped June 30, 2014, because my health warned me, that I was not going to live forever, and that forced me to do some reflections. My health is now completely under control again. So now I look for new suitable challenges again, preferable with starting point from my home address.

Of course I am willing to be at my clients working place as much as needed in order to complete the tasks required from my client. Yet I do prefer to work from my home address as much as possible. I will easily be able to work 15-20 hours a week. Most of the time should just be at times when I am not occupied by all the jogging programs that I am participating in. The times for these programs are often the times where most people are working. Furthermore there must be time for family, friends, journeys etc.

At NOV I had the privilege, to work from my home address in Denmark alternately one week and then in Norway one week. Therefore I have already arranged a real well functioning working place at my home address.

My top competences are: **construction, drawing, calculation and product – configuration** using the programs **Inventor, AutoCAD and Excel**.

When you work with **parts lists in Inventor**, then it is obvious to **export to Excel** and hereafter **generate suitable production plans**. In this I have also made myself an expert. But no matter whatever your challenge is (big or small) within machine building, then I hope, you will contact me.

I have a little bit knowledge to **SIEMENS- NX** and **Solid Works** and I am ready learn these programs at my own expense if that is what is needed.

Pt. I work a lot with the new 3D-program: **AutoCAD - Fusion**, This program is quite excellent and I believe that it is the preferred 3D-program in the future.

You will see my complete CV on the following 5 pages. You may go as far back as you find suitable. You may also visit my home page: www.evsdesign.dk

Best Regards.

Erik Villum Sørensen.

CURRICULUM VITAE

DISCIPLINE : Senior Engineer Mechanical Thermal Line with Flow Engines as extended main Profession

NAME : Erik Villum Sørensen

DATE OF BIRTH : 29.07.1946

NATIONALITY : Danish

LANGUAGES : Scandinavian, English, German

EDUCATION : 1971: B.Sc. Mechanical Engineering Thermal Line with Flow Engines as extended main Profession, Aalborg Teknikum (Today: Aalborg University)
1967: Mechanical fitter, Operator, Mechanical Workshop, Harald Kjeldsen Nielsen, Løkken.

FURTHER EDUCATION : 3D and 2D drawing:
AutoCAD Inventor 2016 Professional:
Latest Course: Advanced Course, 2009.
Latest used 2018. Super User. Daily used for Design and Stress Analysis in my latest projects, which include Design Automation using Inventor ilogic.
AutoCAD Fusion Latest Edition, self-taught.

2D- drawing:
AutoCAD Mechanical 2014. Beginner Course, 1997
Latest used in 2014.
DRAFT SIGHT 2018. Daily used in my latest projects.

Stress Analysis:
Mathcad 15: Frequently used in my latest projects.
AutoCAD Inventor: Frequently used in my latest projects.

Management:
Course in Modern Management Methods, 1998
Latest used in 2004, Super User

QA:
CE-Marking in accordance with ISO 9000
Preparing and maintaining quality handbooks according to ISO 9000, yet not certified
Latest used in 2003, User Level

Machinery Directive:

Course at DTI in At 561*, which is EU-dictate now. 89/392/EF in 1997 and again in 2000:

Latest used in 2004, Super User

*At = The Danish Labour Inspection Authority

Pressure Vessels:

Course at the Force- Institute in At 743, which is EU-dictate now. 97/23/EF in 2000

Latest used in 2004, Super User

Risk Evaluation:

Course of At in Risk Evaluation in 1997

Latest used in 2003, Super User

Aluminium:

Course at the Force- Institute in Breakdown of Aluminium in 1999

Latest used in 2003, Super User

Hygienic design:

Course of ATV-SEMAP in hygienic design in 1999

Latest used in 2004, Super User

IT- COMPETENCES :

MS-Word: Super User

MS-Excel: Super User

MS-Access: Knowledge

MS-Outlook: User Level

MS-Outlook Express: User Level

MS-Power Point: User Level

Internet Explorer: Super User

WordPress Website program: Basic knowledge.

Adobe Acrobat: Super User

Concorde XAL: Super User Technical Part

Rig0ps (HED): Super User

KEY SKILLS

: Design and development of mechanical plants and technical equipment

Construction, flow and stress analysis of pipes and steel structures.

Design Automation using Inventor iLogic.

3D-Modelling and 2D-Drawing with AutoCAD Inventor. - 2D-

Drawing with AutoCAD

3D-Modelling and 2D-Drawing with AutoCAD Fusion.

Project Management and Follow Up

Sales support and contact to customers

Development of technical sales and calculation tools

Documentation according to EU- Machine Dictate, EU- Pressure Vessel Dictate, CE-marking and ISO 9000
Theoretical and practical experience with: Offshore Steel Structures, Refrigeration, Mechanics, Hydraulics, Pneumatics and Electro Technique.

EXPERIENCE RECORD :

- General : Development, construction, sale and management have been my primary working areas through 35 exciting and developing years. Further, I am experienced in preparing documentation and manuals for authorities' approval and customers all over the world.
- July 2014 till now : My own master. Educated myself especially in using Inventor iLogic and I have had a couple of jobs with implementing the principles in models. at Universal Foundation. <http://universal-foundation.com/> and KB-Industriservice: <http://kbindustriservice.dk/>
Educated myself i AutoCAD Fusion and I have some minor jobs using that system.
- Jan. 2006- July 2014 : NATIONAL OILWELL WARCO NORWAY
www.nov.com
Mechanical engineer
Managed several new projects with extraordinary need of untraditional solutions all the way from technical clarification to detailed projects ready for final production
Consequently I had lots of contact to customers.
Developed semiautomatic flip-over fingerboard adjustable for casings of different size
Developed fingerboard + hydraulic movable fingerboard for Starracker
Developed special fingerboards for Hydra Racker
Developed special flip-over fingerboard adjustable for casings of different size
Developed special fingerboard with easy movable fingers for casings of different size.
- Mar. 2005- Sept. 2005 : UNI-FOOD TECHNIC, DK-9280 Storvorde.
www.uni-food.dk
Project engineer
Developed prototype mackerel gutting machine and transport

equipment for mackerel smoking line. Further I developed washing vessel with hydraulic swing.

May 1988- Mar. 2004 : A/S Dybvad Staalindustri, 9352 Dybvad. www.dsi-as.com

Manager Development and Construction

All the models of plate freezers produced by the factory until 2004 are developed during my management period. Combined with an aggressive sales campaign, this made the company the leading manufacturer of plate freezers in the world. Development was always made in close co-operation with our customers. It has been a great advantage that it has always been easy for me to communicate in foreign languages.

My work with food processing has given me wide experience with stainless steel, aluminium, plastic etc.

Oct. 1984- May1988 : Machine Factory Lehaka A/S, Aalborg

Daily Manager

As Daily Manager I had the contact to customers, preparing quotations, acknowledgement of orders, performing planning, management and planning of production.

At the same time I carried through a modernisation of the factory by constructing new punch tools. Investment in automatic welding and new environmentally correct plant for painting.

Jan. 1981- Oct. 1984 : Henriksen & Larsen, Aarup, Vraa

Construction and Sales Manager

The firm was a specialist in production of trolleys for hoists on cranes and a minor production of smaller cranes. One of the jobs I carried through was to develop a complete program in built-in Hoist in Trolley with extremely short building height in the load area: 0, 5 to 20 tons. The special products were mainly sold to ship yards.

May 1979- Jan. 1981 :

Freelance

Mechanical Engineer

Developed and sold amongst others an electrical wiring system for mobile machinery as for an instance cranes. Made System

Approvals for wind turbines

Aug. 1976- May 1979 :

Cataheater K/S in Brønderslev

Production Manager and Part Owner

Here I was involved in moving a factory from Copenhagen to Brønderslev. I was the daily leader of the production of catalytic heaters. We had a complete punch factory with 6 eccentric presses.

Apr. 1974- Aug. 1976 :

B. Svendsens Maskinfabrik, Løkken

Construction and Sales Manager

Construction and sale of steel arcades for farm buildings were my primary jobs here.

Nov. 1971- Apr. 1974 :

Geotechnical Well Drilling Company:
Albinus Christiansen & Søn, Frederikshavn

Assistant

Dimensioned pumps for water supply and for lowering water level in the ground, when building underground. Dimensioned sand filters for drilled water wells. Developed special vacuum pump for lowering water level with suction heads.

If further information regarding the experience record or other data is required, please do not hesitate to contact me.

Best Regards.

Erik Villum Sorensen.