



2019-01-20

Cover letter

For more than seven years I have been working in Norway as Project Engineer and Project Manager in the exciting Marine and Oil&Gas business. However in 2016 my family and I decided to move home to Sweden to take next step in my career so I founded Bjurtech AB, an engineering bureau, to develop innovative ideas within energy, environment and maritime. I also offer consultancy services within Project Management and Engineering. Please visit my webpage www.bjurtech.com for more info about my services, skills and how to support your projects.

My current internal project "Freepower solar boat" aim to reduce global warming and poverty. The boat will be 100% self-sufficient of electricity. The project is in prototype stage and are currently waiting for funding to be able to continue to pilot stage.

I love all the creative processes in my role as founder and my day to day business consist of a wide mix of engineering, innovative ideas, strategic decisions, mechanical and electrical design, CAD, testing, prototype construction, networking, branding, pitching, documentation, project planning, supplier contact, purchase follow-up, book keeping etc. I thrive in this role as I get to think freely outside the box and it let me be innovative and creative.

The thread running through my career, in addition to engineering, has been the development and optimisation of products and processes. The trait of always searching for improvements, streamlining and aim for better solutions is something that always burn inside me. Efficiency has also originated in a desire to always contribute to a better global environment. I think that environmental work is important to include in any kind of work and are always included as part of my focus.

I never doubt to say my meaning and to take responsibility for my actions. I look objectively and question until I get my own subjective view before I act. For me it is important to find the root cause and to think in long terms.

As child of self-employed, I got raised with a "business mindset" where I focus on customer in the first place and, consequently, on budget, finance and resource planning. I have the ability to think on the whole, and from multiple perspectives. Prior Bjurtech, I have among other things been working as a project engineer, project manager, product developer, production manager and manufacturing engineer. I have broad technical knowledge with skills and experience in the industry, especially in production, and would describe myself as a creative innovator.

As an example of my experience in production, I was for a time head of the ramp-up of new products (plate heat exchangers) in a manufacturing plant. My responsibilities included to develop process flows, work instructions, design and development of production tools. There, I participated in concept development of new models along with the design team, prototype workshop and calibration work shop. The company practicing Lean Manufacturing and Six Sigma where FMEA analysis, quality measurements and full-rate test was practiced consistently.

A good experience of the final product motivates me more than anything. Feeling of quality for end users is important for me to be satisfied with my work. I am convinced that a good customer experience requires harmony between function, design and documentation. To create the right solutions and quality for the customer, it is therefore crucial to understand and listen to customers needs.

I was, as a side project for a few years (2006-2008), running a firm called YD circuit. The business idea was sale of energy-efficient lighting and lighting design based on LED technology. I took turnkey assignments from sales, design to final assembly at the customer. I discontinued the firm when I joined Pon Power 2008.

I am a handy man. I have therefore easy to see things from both a theoretical and practical point of view. As a child I dreamed of becoming an inventor and while growing up, I spent a large part of my spare time to repair and restore cars. I also built both small scale boats and later full size boats in wood. I also owned, for many years, a wooden boat with a compression-ignition engine from 1947, which required great care in both woodworking and mechanics. In adulthood I amuse myself with small hobby projects at home including energy efficiency of the house where I can use my skills in mechanics, electronics and electronic control.

Some of my personal qualities; creative, lojal, analytic, structured, proactive, innovative and social. I have a methodic way of working, I am solution oriented and have the ability to see the need and solutions. I am a man of order and structure.

Sailing and boat life is my biggest passion in life and I have been involved in the project and sailed with the tall ship "east indian man Götheborg" at several occasions. I live in a house at the small island Hyppeln, Göteborg, together with my wife Isabel and our two sons Victor (6) and Felix (5). Other hobbies are science, engineering, house&garden, food&wine and cross country skiing.



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Resume

- Feb -16 - **Founder Bjurtech AB, Gothenburg**
Innovative engineering bureau within Energy, Environment and Maritime.
- o Internal "Freepower solar boat" project.
 - o Consultant services within project management, product development and mechanical engineering.
 - o Current assignment: Aston Harald Composite, Hönö.
- Feb -15 – Jan 16 **Project Manager Oil&Gas, Novenco, Oslo**
Manager of a large EPC contract for an FPSO built in China who will operate on UK shelf with responsibility of:
- o Budgeting, planning and management of a team of 10.
 - o System design for Offshore FPSO HVAC package.
 - o Engineering design and procurement of skid mounted equipment.
 - o Equipment procurement from internal and external suppliers.
 - o Weekly and monthly reporting to internal and external stakeholders.
 - o Negotiation and closure of commercial issues relating to change management.
 - o Strategic decision making.
- Jan -11 – Jan 15 **Project Manager/Engineer Oil&Gas, Pon Power, Oslo**
- o Participate in bid clarification together with sales dept. and customer.
 - o Lead Engineer.
 - o Project lead.
 - o Custom made design and solutions suitable for oil platforms in corrosive environments.
 - o Technical support to sales department during bid phase.
 - o Offshore documentation according to NORSOK.
 - o Participate in recruitment of new engineers and project leaders.
 - o "Single point of contact" with customer.
 - o Resource planning in MS Project.
 - o 3D-CAD in Inventor.
- Dec -09 – Dec -10 **Project Engineer Oil&Gas, Pon Power, Oslo**
- o Similar tasks as for project engineer Marine.
 - o Design of generator sets for operation in potentiell explosion risk areas according to ATEX directive.
 - o Custom made design and solutions suitable for marine operation.
- Aug -08 – Nov -09 **Project Engineer Marine, Pon Power, Göteborg/Oslo**
- o Design and calculation of genset solutions.
 - o Multi-project leading.
 - o Responsible for execute projects according to contracts.
 - o Class requirements, DNV, BV etc.
 - o Core technical areas: cooling systems, engine control system, vibrations, exhaust flow, stress analysis and mechanical structures.
 - o Design of GA-drawings and P&ID's in AutoCad 2D-CAD.
- April -06 – July -08 **Self-employed, YD circuit HB, Göteborg**
- o Energy efficient lightning by LED.
 - o Lightning design och lightning control.
 - o Garden lightning.
- May -05 – July -08 **Product developer, Semcon AB, Göteborg**
- o Project leader – Ramp-up of plate heat exchangers for production.
 - o Product design in 3D-CAD with SolidWorks.
 - o Prototype development - Design, test and full speed in production.
 - o FMEA-analysis.
 - o LEAN manufacturing.
 - o Six Sigma.

- May -04 – April -05 **Operation manager, TIAMI Vattenkemi AB, Göteborg**
- o Production of detergents for industry purpose, additive for cooling systems and chemical treatment.
 - o Responsible for daily operation.
 - o Development of production line to meet increased customer demand.
 - o Strong focus and ongoing improvements of logistic and safety.
- Jan -03 – April -04 **Foreman, MIMAB, Göteborg**
Industry and marin service. Move of machine parks. Special lifts. Ship service.
- Jan -02 – Dec -02 **Australia.**
One year Working Holiday visa in Australia. Worked in a cattle station and as a handy man for my land lord.
- Jan -01 – Oct -01 **Manufacturing Engineer, Intermec Printer AB, Göteborg**
- o Design and development of production tests for bar code printers.
 - o Production process development.
 - o Quality improvements.
 - o Vendor contacts.
 - o Technical support of production.
- June -99 – Jan -01 **Information engineer, Sörman Information AB, Göteborg**
- o Technical editor at Volvo Trucks. Production process development.
 - o Creation of Installation, Operation and Maintenance manuals.
 - o Creation of Drivers and Service manuals.

Education

- Febr -14 **Inventor Vault Professional 1 day, AutoDesk**
- Nov -13 **MS Project 2010/2013 smart og avansert 2 days, Bouvet**
- April -11 **ATEX 4 days, Pyroban**
- Jan -11 **ATEX 2 days, NITO**
- Nov -07 **Förbränningsmotorns gasväxling och uppladdning 5 days, Boost Busters**
- June -05 **SolidWorks 3D modelling, 5 days, Semcon**
- May -05 **PROPS for project leaders 3 days, SPM (Semcon Project Management)**
- Dec -00 **Practical Project leading 5 days, Wenell**
- Exam June 1999 **Bachelor of Science (120 credits), with major in Electrical Engineering**
Högskolan i Trollhättan/Uddevalla (HTU)
- Exam Aug 1998 school **Language course 8 weeks, TOEFL-exam, Brighton, England, EF language**
- Exam June 1996 **Mathematics, Physics, Technology, Biology and Chemistry, Komvux**
- Exam June 1991 **Hi school, el-teletekniska linje, Kongahällagymnasiet**

Assignments

- 2017 – **West Swedish Start-up Pioneer program at Inclusive Business Sweden**
- 2014 – 2017 **Board member of Hyppelns Fiskehamnsförening.**
The organisations main function is to drive a fishing harbours maintenance and maintain service level within budget.
- 2007 – 2007 **Organizer of welcome home party of the tall ship Götheborg.**
After the historic maiden voyage to China, it was organized homecoming celebration for about 500pers. who participated in the project.

- 2006 – 2007 **Machine pupil onboard the East Indian Man Götheborg for five months.**
I was involved in the construction of the tall ship Götheborg. I sailed as machine pupil aboard three legs of her maiden voyage to China.
- 1998 – 1999 **Treasurer/Vice chairman, Electro Committee, HTU.**
The Electro Committee is a program committee whose task is to utilise electro interests of students towards university and to monitor the quality of education.
- 1998 – 1999 **Instructor with responsibility for courses in practical electronics, HTU.**
The purpose was to expand students' practical skills in electronics.
- 1997 – 1998 **Organizer of Labor Market exhibition, study-visits etc. HTU.**
Board member of Labor Market Committee.
- 1997 – 1998 **Board member of Sexmästeriet, HTU.**
Bar manger of the student bar.

Language skills

Swedish: Native.

English: Fluent oral and written. TOEFL-exam. Lived one year in Australia.

Norwegian: Good.

Personal

Nationality: Swedish

Marital status: Married

Date of birth: 1972.10.06

Family: Isabel 46, Victor 6, Felix 5

Other

- o Drivers licens for car.
- o Non smoker.
- o Navigation certificate for boats.
- o Hunting certificate.