

WORK EXPERIENCE



Volvo Group Trucks, Electromobility, Gothenburg

Global Component Responsible, Consultant, Electrified Quokka

2023-01 – 2025

Global Component Responsible within Electromobility for engineering and lead of busbars, part of Volvo NFF (New form factor) battery. Volvos addition to the industry of long-range EV batteries. The assignment was to act as engineering and planning lead, between suppliers, development and the project owners. The busbars were of the latest engineering features, which included a welding interface, by usage of high-power laser welding machines. The assignment included to engineer the parameters of the welding specification, the busbar electrical capacity, simulation of the energy while in use, and simulations of the laser fastening assembled in plant.

- Electrical and mechanical engineering of busbars, including simulation and verification.
- Laser welding engineering
- Quality control, Delivery control
- Create and review of technical documentation and ensure standard is acc. to Volvo and industry requirements.
- FMEA, BCP, SIMULATION REPORTS, PROJECT PLANNING



Design for 3D Printing, Gothenburg

2021-01 – 2023-01

- Design, mechanical and electrical engineer, with specialization within manufacturing small volume prototypes by 3D printing.
 - SLA, SLS, FDM
- Automotive, agriculture, consumer electronics



Volvo Group Trucks, Electromobility, Gothenburg

Component Engineer Junction Box, Consultant

2018-02 – 2020-12

Component Engineer within Electromobility for the Traction Voltage Junction Box (TVJB). The component is to be part of the 600V EV platform Volvo will use for current and future full electrical vehicle applications including buses, trucks and construction equipment. The job included below assignments;

- Ensure the delivery of TVJB from supplier according to our technical req.
- Review of 3D and 2D drawings and ensure standard is acc. to Volvo demands.
- In-house design reviews for other departments to ensure TVJB is designed to Volvo demands.
- Perform conceptual ideas of TVJB in accordance with AFT/Production to make the installation more agile.
- Scrum Master ensuring delivery of our team's commitment and synchronization with other teams.
- Lean and agile way of working within Electromobility and for delivery of TVJB using the agile SAFe system.



Valmet Paper, Karlstad

Mechanical Engineer, Consultant

2016-03 – 2018-01

Mechanical Engineering of Tissue machines. Specifically, industrial shower systems and a felt/belt systems. The job included below assignments;

- 3D design and 2D drawings of industrial shower systems for various usage.
- 3D design and 2D drawings of guide system for performing change of felt/belt.
- 3D design and 2D drawings of structural supports for the felt/belt change system.



Aker Solutions, Oslo, Norway

Design Engineer

2012-03 – 2016-02

Department: Process & Boosting, Åsgard Subsea

Mechanical Engineering of Flying Jumper System in Åsgard Compression Project. Assignment was to provide a solution to perform a subsea connection between pump and transformer. Complete design cycle with pilot studies to determine best solution before the final detail design and manufacturing drawings.

- 3D design and 2D drawings of Flying Jumper system incl. manufacture drawings.

Department: Tie-In Subsea

- 3D design and 2D drawings of HCS, VCS, RTS, BBRTS subsea connection systems.
- 3D design and 2D drawings of test frames/jigs for the hubs.



Valmet Paper, Karlstad

Mechanical Engineer, Consultant

2010-07 – 2012-03

Mechanical Engineering of Tissue machines. Primarily heavy and coarse mechanic design.

- 3D design and 2D drawings of a guide roll lift system including beams (arms), motor, screw jacks, couplings.
- 3D design and 2D drawings of beams of various forms and sizes.
- 3D design and 2D drawings of sheet metal parts of various forms and sizes.

EDUCATION/CERTIFICATIONS

Karlstad Technical Center

Bachelor's Degree

Mechanical Engineer

Graduation June 2010

Scaled Agile Framework, SAFe 4

Certified Scale Agilist



AWARDS

Was given an award from C-A Holmströms fond for the exam thesis which was done in structural engineering/PDMS in collaboration with Stora Enso paper mill.

For my results from my education, I was given an award from Paper Province.

TECHNICAL COMPETENCE

Catia V5 [@Valmet]

- Enovia VPM

Solidworks [@Aker Solutions]

- SAP

PTC Creo/Pro-E [@Volvo Group]

- Windchill PDM-Link
- KOLA

Ansys

Inventor

AutoCAD

LANGUAGE & MISC

Swedish: Is handled excellent in both written and spoken.

English: Is handled excellent in both written and spoken.

Norwegian: Is handled professionally for daily use in both written and spoken.

REFERENCES

References, proof of certification etc. can be provided at request.