

SUMMARY

A dedicated and skilled mechanical engineer with expertise in mechanical modeling, analysis, and machine design using tools like SolidWorks, MATLAB, and FluidSIM. Proficient in stress and strength calculations, as well as engineering mechanics, statics, and dynamics. Known for a proactive approach and a ‘can-do’ attitude, with a focus on developing efficient working methodologies and delivering high-quality results.

EXPERIENCES

- APR 2020 –
Dec 2024

Design Handover Engineer
Orkiluoto Nuclear power plant, Kaiku HR, AREVA N.P
 - Collaborated with engineering and supplier teams to resolve design documentation issues efficiently.
 - Prepared and structured comprehensive technical documentation packages adhering to WBS and Plant St. codes (KKS).
 - Communicated directly with clients to resolve technical queries and improve documentation quality.
 - Enhanced product development workflows by introducing systematic documentation processes.
 - Delivered training to new team members, ensuring adherence to project standards.
- NOV 2018
– JAN 2019

Bicycle driven by pneumatic cylinder (Bachelor’s thesis)
 - Designed pneumatic system for reciprocating motion
 - Designed and modelled assistive transmission system
 - Bicycle physics calculations

ACADEMIC PROJECTS

Saimaa University of applied sciences

- SEP 2018 –
DEC 2018

Design and modelling of Screw conveyor
 - Project planning, leadership skills
 - Engineering specifications
 - Strength, bearing lifetime etc. calculations
 - 3D modelling and engineering drawings
- SEP 2016 –
APR 2017

Design and construction of Hand Powered Tri-Cycle
 - Brain storming, idea generation, concept selection
 - 2D sketching, load distribution calculation
 - 3D modelling, manufacturing drawings
 - Welding, grinding, assembly etc.
- JAN 2016 –
APR 2016

Automation Laboratories
 - Pneumatics, PLC
 - Festo MPS stations, ROBOT programming
 - Stations optimization, increase efficiency

EDUCATION

- SEP 2015 –
MAR 2019

Bachelor’s degree in Mechanical Engineering and Production Technology
Saimaa University of Applied Sciences, Lappeenranta, Finland
GPA: 4.2/5



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PROFESSIONAL SKILLS

- Engineering and design**
 - SOLIDWORKS, BLENDER
 - MS Excel
 - MATLAB
 - CIROS ROBOTICS
 - FluidSIM
- IT skills**
 - MS OFFICE SUITE
 - Technical documentation
 - MS PROJECT, VISIO

COURSES AND PERMIT

- SOLIDWORKS® CSWA Certified
- Finnish work permit
- Occupational safety card

LANGUAGES

- | | |
|---------|---------------|
| English | Excellent |
| Finnish | Basic |
| Hindi | Excellent |
| Nepali | Mother tongue |

HOBBIES

- Math, physics, technologies
- 3D modelling
- Gym and sports

REFERENECS

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