



ROMAN MIAH

Mechanical Engineer

As a Mechanical Engineer, I bring a robust foundation in mechanical engineering principles coupled with specialized expertise in design software such as **CREO and SOLIDWORKS**. My academic journey also led me to the University of Dundee in Scotland, UK, where I completed a prestigious scholarship program in Mechanical Engineering.



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drive.google.com/file/d/1MJ0qjLwx3bvT5d6-KDTHxS5U6mPe2Ua3/view?usp=sharing



WORK EXPERIENCE

Production Specialist

Swappie Oy

05/2022 - 09/2022

Helsinki, Finland.

Swappie is the no. 1 online destination for buying and selling refurbished smartphones in Europe.

Achievements/Tasks

- Producing battery flexes.
- Diagnosing electronics especially phones using a different kind of software.
- Repairing iPhone chips, batteries, NFCs, proxy and rear cameras, ear speakers, etc. under microscopic conditions (nano- materials) with the help of welding, and soldering.

Contact : Janis Aizpurietis, Repair Department Team Lead at Swappie. - [linkedin.com/in/janis-aizpurietis-938342104](https://www.linkedin.com/in/janis-aizpurietis-938342104)

Assistant Mechanical Engineer

Motex Fashion

02/2018 - 06/2018

Dhaka, Bangladesh.

MOTEX is a clothing manufacturing company with an area of activity in Men's, women's, and children's garments in Knit & sweaters.

Achievements/Tasks

- Regular maintenance of machines.
- Troubleshooting In the event of a breakdown.
- Ensuring safety and the smooth operation of the manufacturing process.
- Reporting and documentation.

Contact : EFTAYKHAR HOSSAIN - <https://www.linkedin.com/in/eftaykhar-hossain-0ab92110a/>



EDUCATION

Bachelor's degree, Mechanical Engineering and production technology

HAMK Häme University of Applied Sciences

08/2020 - 01/2024

Riihimäki, Finland

Courses

- Product development.
- Thesis: A Guidebook to design a V6 Turbo Engine by using CREO.



SKILLS

IT Skill - CREO - AutoCAD - Solidworks - C++ - Matlab - Microsoft Office, word, PowerPoint, 365, etc. - CNC machine programming - Blanco and other types of diagnosing software

Laboratory Skill - Welding & Soldering - Nanomaterials fixing - Microscopic task - Mechanical properties of substances- Safe laboratory practices - Hot work training - Controlling multiple machines



PERSONAL PROJECTS

Product development project 2 (03/2023 - 05/2023)

- Designed an assembly line for Hoist assembly for 'Konecranes'

CAD design (10/2022 - 12/2022)

- Designed parts and technical drawings of Full Motorbike, Turbo engine, Jet engine, and Radial engine with CREO and Solidworks.

Product development project (03/2022 - 05/2022)

- Designed a 3D model for a "Scraper Conveyor Belt", by using CREO, for 'Etteplan'.



LANGUAGES

English



EDUCATION

Bachelor's degree, in Mechanical Engineering, and production technology

University of Dundee

09/2022 - 12/2022

Dundee, Scotland

Courses

- Machine design, Creo-Soliworks.
- AutoCAD- C++.

Diploma in Mechanical engineering

Dhaka polytechnic institute

10/2012 - 04/2017

Dhaka, Bangladesh

Courses

- Heat treatment.
- Machine shop machines.
- Physics, Chemistry.
- Machine design.

JOB RELATED SKILLS

Advanced Mechanical Design Skills obtained from designing complex mechanical systems, using SOLIDWORKS and CREO.

The ability to perform detailed 2D drawings considering the tolerances.

Holds a dual degree in Mechanical Engineering along with a degree in Business & Management, suitable for interdisciplinary roles.

Strong commitment to continuous learning and development, coupled with a positive attitude, adaptability, and flexibility.

LANGUAGES

Finnish



Bengali



Hindi & Urdu



Arabic



REFERENCES

Rashed Rokon

"Design Engineer at Etteplan"

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Udoy Hossen Khan

"Mechanical Design Manager at Jousteel Oy"

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