

CURRENTLY

Working as a design intern in Ocean Energy since September 2020.

EXPERIENCE

1 Month Internship in Infileague Motorsports.

(August 2020 - September 2020).

LANGUAGE PROFICIENCY

ENGLISH	100%
HINDI	75%
PUNJABI	75%
MARATHI	50%

PUBLICATION

DESIGN, ANALYSIS AND OPTIMIZATION OF BUCKET ELEVATOR.

1 Mar'19, Ashish Barshi, Karanpreet Singh, Omkar Patil, Sudhirkumar Yadav

<http://www.ijaeit.com/Issu/Index/19>

SKILLS

Mechanical Softwares

- PTC Creo 3.0
- ANSYS 16.0
- SOLIDWORKS 2016
- NX 10.0
- AUTOCAD 2021
- AUTODESK FUSION 360

Tools

- MS EXCEL
- MS OFFICE

KARANPREET SINGH

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LinkedIn Profile

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Grabcad Profile

<https://grabcad.com/karanpreet.singh-8>

OBJECTIVE

To gain professional experience and become an inventive Cad Designer and try to grow the organization and bring a considerable contribution to the world.

WORK EXPERIENCE

Worked as a Mechanical Engineer (Design, Fabrication and Painting) with Ocean Energy Pvt. Ltd.

RESPONSIBILITIES

- Modelling of the project from scratch.
- Deciding the material as per the weight requirements and the size of the project.
- Fabrication of the designed project using PLA, Acrylic or Metal.
- Painting and final detailing of the project.
- Packaging of the project.

PROJECTS HANDLED

- Designing and manufacturing of WAP5 Engine.
- Designing and manufacturing of WDM2 Engine.
- Designing and manufacturing of Azad (WP Class 7200) Engine.
- Designing and manufacturing of WCG1 Engine.
- Designing and manufacturing of Nilgiri Engine.
- Manufacturing of UAV Predator.
- Designing and manufacturing of Angad Robot.

EDUCATION

2012	X - 7.80/10.00 Bal Bharati Public School.
2015	XII - 58.65% Gaurav High School.
2019	B. Tech/ B.E. - 7.20/10.00 Mechanical Engineering.

ACHIEVEMENTS

- 1st Position in 3D CAD Design using PTC Creo 3.0.
 - 2nd Position in Mold Design using PTC Creo 3.0.
 - 1st Position in Finite Element Analysis using ANSYS 16.0.
 - Participated in SAE BAJA 2k19 and Mega ATV Championship.
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ACADEMIC PROJECTS

- Design, Analysis and Optimization Of Bucket Elevator - 8 Aug'18 to 2 May'19.
 - Design and Fabrication of ATV Buggy - 5 Mar'18 to 20 Apr'19.
 - Finite Element Analysis of ATV Chassis and Disc Brake - 20 Aug'17 to 15 Jan'18.
 - 3D Mould Creation of cover of Walky - Talky and Ice-cream spatula - 7 Feb'17 to 10 Apr'19.
 - 3D Part Modelling and assembly of Universal Testing Machine - 22 Aug'16 to 20 Oct'16.
 - Basic HR Management Database using C- Language - 10 Feb'16 to 12 Apr'16.
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DECLARATION

I hereby declare that all the information mentioned above are true and correct to the best of my knowledge.

PLACE: -

DATE: -

(KARANPREET SINGH)