

ANUBHAV RASTOGI

Bachelor of Technology (IIIrd Year)
Mechanical Engineering.



PERSONAL PROFILE

I am an energetic, hardworking and ambitious person who has developed a mature and responsible approach to any task i undertake, or situation I am presented with, well within the allotted time frame.

Being a quick learner, I am willing to learn new skills and keep myself updated as per the industrial requirement.

SKILLS:

The MathWorks MATLAB, AutoCAD, Onshape, PTC CREO, Arduino Boards, 3D Modelling.

RESEARCH & DESIGN:

Project Quantification planning, Finite Element Analysis(FEA), ISO & Safety Compliance, Statical/Process Analysis, & Design & Validation

ADDITIONAL SKILLS:

C/C++ ,C# ,Python, HTML, CSS, ,Photoshop, After Effects, Web Development , Android Studio , Content creation, Digital Marketing, & MS Office Suite.

LANGUAGES:

Hindi and English

CONTACT:

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GitHub: github.com/AnubhavRastogi

CAREER HISTORY

Minimize Cards | Internship

August 2020-Present

Profile: Marketing & Sales

Responsibilities: Looking after the marketing and sales of the product, hosting pr events and overlooking

The Bottle Kitchen & Co. | Internship

October 2020-December 2020

Profile: Content Creator & Digital Marketing.

Responsibilities: Creating Articles and Posts for their Website and Social Media, Micro-managing with the team.

The Startup Machine | Internship

May 2020-July 2020

Profile: Digital Marketing & Content Creation.

Responsibilities: Creating Articles and Posts for their Website and Social Media, Micro-managing with the team.

Doubtnut | Internship

May 2020-June 2020

Profile: Subject Matter Expert (Mathematics).

Responsibilities: Providing solutions to questions and solving doubts of IIT-JEE Aspirants.

ACADEMIC BACKGROUND

Thapar Institute of Engineering & Technology.

BTech in Mechanical Engineering | July 2019-August 2023

- Grade point of 8.02/10 until 4th Semester.

The Asian School.

High School | March 2015- April 2016

- Graduated with 10/10 CGPA.

-Amongst the top 1% of the school

The Asian School.

Senior School | March 2016- April 2018

- Graduated with 93.4%.

-Scored 99/100 in English & 95/100 in Mathematics.

ACHIEVEMENTS

Certificate of Honour: The Asian School
High Distinction (93.4%) in AISSCE 2017-18

Certificate of Excellence : Dainik Jagran Newspaper
Awarded top 15 Students from all over the city.

Certificate of Merit : International Mathematics Olympiad(IMO)
Secured International Rank of 2541 and Zonal Rank 251 in 9th SOF IMO

Certificate of Honour: The Asian School
Perfect 10/10 CGPA in High School.

Certificate of Merit : Gautam International Sr. Sec. School
Stood second at InterSchool Science Quiz

PROJECTS:

Website Development and Hosting for Finsurity Pvt Ltd | Freelancer

Worked in co-partnership to develop Website for Finsurity, an accounting firm, had the opportunity to put my knowledge of HTML and CSS to use, so as to develop my first live Website.
<https://www.finsurety.com/>

LibLife: an E-Library. Entrepreneurship and Innovation, Thapar Institute of Engineering and Technology.

Presented the idea for the startup to a team of 5, and worked with the team in constructing the idea and prototype for the same, constructing revenue system and the working of the startup.

Eco-ACs. Environmental Studies, Thapar Institute of Engineering and Technology.

Worked in a team of 5, aimed to revolutionize the ACs in our homes and offices and make them more environment friendly, thereby reducing the harmful emissions, increasing efficiency, reusing the wasteful byproducts and making the ACs smart such that they adapt according to human's need with the help of AI.

Sensored Catapult Engineering and Design, Thapar Institute of Engineering and Technology.

Worked with a team of 4, and designed a catapult along with sensors to measure the Velocity and Acceleration of the payload, utilising Arduino Board and providing signal to catapult by a Computer.

Modeling, Analysis, & Optimization of CRANKSHAFT part of HONDA GX160 5.5 HP Engine.
Computer Aided Design & Analysis, Thapar Institute of Engineering and Technology.

Used sensitivity and feasibility analysis features of Creo, to find the optimized balancing weight, which results in a minimum weight addition of the crankshaft under the given constraints.

Optimum designing of a Bottle using Creo Parametric SW –BMX and Simulation modules.
Computer Aided Design & Analysis, Thapar Institute of Engineering and Technology.

Designing the bottle under the given constraints by using an automated design study to find the value of two or more variable dimensions that gives the required volume of liquid.

Design of Drive Mechanism and Support Frame for Force Pump by HONDA GX160 engine.
Computer Aided Design & Analysis, Thapar Institute of Engineering and Technology.

Designed a Drive Mechanism for the feed pump, assembled Engine, feed pump, and the crankshaft of the engine to drive the pump using a HONDA GX160 5.5 HP Engine and support the whole assembly, by designing the support frame using Creo SW AFX module.

Website Restructuring and Hosting for Minimize Cards
(IVAK Entertainment Games LLP) | Freelancer

Worked in co-partnership to restructure a dynamic Website for Minimize Cards, a gaming Company, had the opportunity to put my knowledge of HTML and CSS, & JavaScript.
<http://www.minimizecards.com/>