



Avani Agrawal

B.Tech – Mechanical Engineering - IIT, Dhanbad



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EXPERIENCE

7 Frames, Mumbai — Subject Matter Expert

June 2020 - August 2020

I was a subject matter expert. That means I have to explain and make a video of that solution to the problem of JEE or equivalent level.

PROJECT

Portfolio—

-I keep all the records of myself.
-It includes my skills, projects, address and profile links.
Skills/Tools: HTML, CSS
<https://avaniagrawal.github.io/Portfolio/>

Blood Donation System—

-It keeps the record of users of this website.
-It gives information about the person who wants to donate blood and those who have donated blood.
- If a donor has donated blood, this system will not allow him/her to donate blood within the next 3 months.
Skills/Tools : PHP, SQL, Javascript, HTML, CSS.

Library Management System —

-It helps the user to search for the book and then borrow it.
- It also provides us the way to enter the new record upon the arrival of any new book.
- This project includes the concept of File Handling along with the Class and object.
- Since it maintains the record of the library and can also calculate the late fine and all on returning the issued book, it can come into use for any library.
Skills/Tools: CPP.

Bank Management System —

-It helps the user to know his account balance if he withdraws the money.
-Along with this, it gives the entire information of the user's bank account.
Skills/Tools: CPP.

Gym Website—

- Website built for fitness lovers who want free membership of gym and fitness by playing a quiz.
Skills : HTML, CSS, Node.js, Javascript, Pug, Express

Major and Minor losses in closed conduit system and develop MATLAB code—

- It investigates the various factors which affect the losses (major head loss due to friction and minor head loss due to components in the pipe or duct system) in the conduit system.
-Skills : MATLAB

EXTRACURRICULARS

- An Active Member of Sports Club : Karate and Athletics
- An Active Member of Visharad (Institute for Hindi classical music and dance): Kathak and Folk Dancer
- An Active member of Fast Forward India.
- Member of Nand Care Foundation (NCF, which is also known as Pehal, is an NGO based in Dhanbad aimed to make a better India with the power of Education.

EDUCATION

Indian Institute of Technology (ISM), Dhanbad — Bachelor of Technology in Mechanical Engineering

JULY 2018 - Present CGPA – 8.18

Nalanda Academy, Kota, Rajasthan

12th - APRIL 2017 - APRIL 2018 - 91.2%

Shri Guru Ram Rai Public School, Pauri Garhwal, Uttarakhand

10th - APRIL 2015 - APRIL 2016 - 10 cgpa

SKILLS

- **Strong:** C, C++, HTML, CSS, MYSQL, VideoScribe
- **Intermediate Skills :** DSA, JAVASCRIPT, ORACLE, PHP, GIT, Node.JS, AutoCad, MATLAB, Excel, CAD, Illustrator
- **Impersonal Skills :** Persuasive, Team- Worker, Solution Oriented, Easily Adaptive

ACHIEVEMENTS

- Qualified GATE 2021 in Mechanical Engineering.
- Ranked 61 in JEE CET (Upgradjeet) exam.
- Successfully completed Upraised Associate Product Management Test [Certificate](#)
- Qualified for live project with Tenhard India.
- 3rd and 1st prize in 800m race in 2019 and 2020 annual sports of IIT (ISM) Dhanbad respectively.
- 1st prize in 400m race in 2020 annual sports of IIT (ISM) Dhanbad
- 2nd Prize in Cross Country race.
- 1st Prize in karate (Inter Hostel of IIT (ISM) Dhanbad
- 3rd Prize in Chess at School level
- 1st prize in letter writing competition at district level (Pauri Garhwal)

TRAININGS

Digital Marketing — Offered by google [certificate](#)

Race Car Tech — Offered by My captain (collaborated with IIM Bangalore) [Certificate](#)

POSITIONS OF RESPONSIBILITY

- Member of Inter IIT contingent : Inter IIT sports meet for two consecutive years in athletics (2018-19)
- Event Organiser in CONCERTO (Techno - management fest of IIT (ISM) Dhanbad).
- Organiser of 91th Annual Sports Meet 2019.
- Head of Promotion team of PARAKRAM (Inter college sports fest of IIT (ISM) Dhanbad).