

# Jagdeesh Meena

Mechanical Engineering  
3rd Year Undergraduate

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## Academic Qualifications

Year	Degree/Certificate	Institute	CPI/%
2022 - Present	B.Tech	Indian Institute of Technology, Kanpur	5.7/10
2021	RBSE(XII)	DS science academy Sr Sec School, Gangapur City	98.40%
2019	RBSE(X)	Nehru Public Sr Sec School, Suroth	88.67%

## Work Experiences

### Swiggy Ltd

- **Marketing Intern as Campus Ambassador.** (Mar'24-June'24)  
**Manager: Ujjawal Agarwal, Marketing Team.**
  - Worked on **Project: SDPO**
  - Implemented **Supply Demand Planning and Optimization strategies** for enhancing efficiency of sales at Swiggy.
  - Collaborated with a diverse **team of over 20 interns**, each managing connections with over **100 restaurants**.
  - Conducted **comparative analysis** of discounts aligning it with supply and demand, between Swiggy and other competing apps to **optimize market strategies, improve user experience and escalate sales.**

## Key Projects

- **CAD(Fusion 360), Matlab Simulink, and Basics of Python | AME Winter Project** (Dec'23- July'24)  
**Mentor: Mayank Singh(Y21)**, Department of Mechanical Engineering.
  - Learned and worked with **fusion 360** for making 3D Models. Model
  - Learned **Matlab & Simulink Basics** for Simulation and **Python** for data plotting.
- **CodeCraft: Mastering Web Dev and DSA | BioSoc Summer Project** 🌐  
**Mentor: Amrit Kumar Paswan (Y21)**, Department of Biological Sciences and Bioengineering. (May'24-July'24)
  - Learned **Html, Css & Javascript** and worked on **Frontend Development** for enhance Development skills.
  - Built a **Personal Portfolio** using **React** functionalities like **navbar, about, contact** and **Tailwind CSS** 🌐.
  - Learned **Data Structure & Algorithm** and Solved many problems for mastering DSA.
- **Food waste management | Course Project (MBA-618)** (Report)  
**Under : Prof. Veena Bansal, DoMS IIT Kanpur** (March'24 - April'24)
  - Conducted a survey on **data collection** of food waste across mess of every **hall** in IITK.
  - Collaborated with **mess managers** to identify causes of **food wastage** and current **disposal methods**.
  - **Analyzed collected data** and discussed to pinpoint challenges including inconsistent waste volumes due to **student's busy schedules** hindering **NGO's** acceptance and dwindling animal health (**winter**) and preservation issues (**summer**).
- **Chatbot using Python code | Self Project\*** 🌐 (June'24 - ongoing)
  - Modeled and trained **Facebook Research bAbI** project data into an interactive chatbot using Python.
  - The making of the bot started with 10000 training data and 1000 test data from question-answer model
  - Implemented the basics of tensorflow, keras, Numpy, Panda, and Matplotlib to check the progress of data during training.
  - The bot predicts answers to questions framed out of unique keywords from the vocab list and predicts the accuracy.
- **Personal Bot using Dialogflow | Self Project\*** 🌐 (June'24 - ongoing)
  - Utilised the Natural Language Understanding platform, Dialogueflow from Google Cloud to create a conversational UI.
  - Created the Agent Personal.bot and defined its one Intent - 'Order Pizza'.Enabled SmallTalk to respond to real-time gestures.
  - Modified the Action and Parameters to ask for the phone number, mail ID, time, and address to match the real-life situation.
  - Used its API in a User-friendly Website and also developed a Telegram bot. currently working on it..
- **Resume Builder Website | Self Project\*** 🌐 (June'24-ongoing)
  - Worked with **Html** for **Designing, taking input** as well as designing Pdf file inside Javascript.
  - Used **Css** for styling, typography, responsive design, hovering effect, pdf designing and working on improving its interface.
  - Implemented OOPS in **Javascript** for **adding dynamic section**, making and printing **Pdf File** from given inputs.

## Technical Skills

- **Programming Languages:** C, C++, HTML,Css, Javascript, MATLAB, Python, SQL
- **Utilities:** Robot Operating System 2, Git, AutoCad, Fusion360, Blender.
- **Libraries:** STL, Matplotlib, Numpy, Pandas.

## Positions of Responsibility

- **Captain - Weightlifting Team, IIT Kanpur** (May'24 - present)
  - **Captained** the weightlifting team at **Sangram, IIT Roorkee** sports fest, finishing as overall runners-up in Weightlifting.
  - Coordinated with the GnS, IITK to organize **summer camp**, enhancing skills of current players and recruiting new talent.
  - Currently addressing team requirements for **daily practice** sessions, ensuring optimal preparation and performance.
- **Sport Secretary - Weightlifting, GNS IIT Kanpur** (Sept'23-April'24)
  - Coordinated with Team Captain to organize workshops aimed at improving team and skills enhancement.
  - Organized powerlifting and weightlifting competitions in multiple fests including Inferno, Udghosh, and Fresher's Inferno.

- Played an active role in managing the team during daily practice and events such as District-level, Udhgosh and Inter-IIT.
- **Organizer - Prabandhan'24(Annual Management Fest), IIT Kanpur** *(March'24)*
  - Mastered the planning, coordination, and execution of fest with impressive strategies focused at collaborative growth.
  - Coordinated with a team of 100+ volunteers to manage logistics, schedules, and participant activities, ensuring seamless event operations and Coordinated a security team for smooth functioning of the event at the Pronite ground and Auditorium.
- **Secretary - DesCon Society(Design and Construction Society)** *(June'23-April'24)*
  - Represented Descon Society during PG orientation sessions, introducing new students to society goals and activities.
  - Organized and facilitated workshops in collaboration with Leaders on software tools like Fusion 360, Blender, and MATLAB, enhancing technical skills among members and fostering innovation in design and construction practices.
- **Senior Security Officer - Udhgosh, IIT Kanpur** *(Oct'23)*
  - Supervised a team of Security Officers (SOs) ensuring effective implementation of 100+ security protocols during fest.
  - Coordinated with team members and SIS to ensure smooth conduction of fest comprising 15+ events witnessing a footfall of 100k+ and participation encompassing 450+ colleges all over India.
- **Senior Executive - Inferno (Inter-Hall Sports Fest)** *(March'24)*
  - Organized and managed sports matches and tournaments, ensuring smooth scheduling, logistics, and result dissemination.
  - Collaborated closely with team captains, and core Team to maintain fair play and sportsmanship standards.

## Relevant Courses

Fundamentals of Computing - I	Fundamentals of Computing - II
Introduction to Electronics	Signal, Systems and Networks
Linear Algebra	Partial Differential Equations
Theory of Mechanisms and Machines	Dynamics
Thermodynamics	Mechanics of Solids
Nature and Properties of Materials	Primary Manufacturing Processes

## Sports Achievements

- Participated in **Inter IIT'23 - National level** Inter Collegiate Sports Meet in **Weightlifting event**
- Awarded with a **Gold Medal in Kanpur district Championship** - in **Weightlifting event**
- Awarded with a **Bronze Medal in Udhgosh'23 - National level** Inter Collegiate Sports Fest in **Weightlifting event**
- Awarded with a **Gold Medal in Spardha'23 (IIT BHU)** - Inter Collegiate Sports Fest in **Weightlifting event**
- Participated in **Sangram'24 (IIT Roorkee)** - Inter Collegiate Sports Fest in **Weightlifting event**.
- Participated in **Kanpur Mandal Weightlifting Championship'23** - division level open weightlifting Competition.
- Awarded with a **Gold Medal in Fresher's Inferno'22** - Inter Hall Sports Fest in **Powerllifting event**
- Awarded with a **Silver Medal in Inferno'23** - Inter Hall Sports Fest in **Powerllifting event**