Ankit Kumar

Mechanical Engineering (M. Tech 5 Y)

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EDUCATION

Year	Degree	Institute	Score
2024	Dual Degree (BTech + MTech)	Indian Institute of Technology, Kharagpur	8.31 / 10
2018	XII-HBSE Board	Saraswati international Sen. Sr. School	89.6 %
2016	X-CBSE Board	Shri Guru Teg Bahadur Sen. Sr. School	10 / 10

INTERNSHIP

The Sparks Foundation - Graduate Rotational Internship Program (Jun'21 - July'21)

• Processed Iris Dataset to predict the optimum number of clusters using **K-Means** Clustering Model
• Predicted Stock price and sentiment of the market using Numerical and Textual Analysis, and achieved an accuracy of 81%
• Implemented **Decision Tree Classifier** model to predict the correct class for the Iris dataset and obtained 93% accuracy
• Trained a **Linear Regression Model** to predict the score of the students based on a feature and obtained 95% accuracy

PROJECTS

Get Your Best Price | Self Project (May'21 - Jun'21)

• Developed a **Python-based** price tracker that allows customers to find the best price for the vehicle without having to visit a website.
• Monitored the trend of the price of a vehicle using the machine learning algorithms and data collected from the **Kaggle** Car Dekho
• **Matplotlib.pyplot** library was used to find correlation between the metrics, and **Panda** was used to find the most relevant features
• Developed a frontend that allows you to quickly obtain the selling price of your car by providing all of the essential car information.

Web Development (April'22)

• Using HTML, CSS, and **JavaScript**, created an online shopping user interface.
• Created a TODOs list website where you can add and delete daily tasks.
• Created a dynamic clock that updates in real-time.

COURSE WORK

• Programming and Data Structure
• Machine Learning A to Z with python
• Advanced Calculus
• Probability and Statistics
• Data Science and Machine Learning with R from A to Z
• Financial Management • Partial Differential Equations

SKILLS AND EXPERTISE

Languages : C, C++, Python, R, HTML, CSS, JavaScipt
Softwares : Photoshop, Matlab, Pandas, NumPy, Matplotlib, TensorFlow
Soft Skills : Good problem-solving skills, Ambitious, Leadership, Teamwork

POSITIONS OF RESPONSIBILITY

General Secretary Sports and Games | Radhakrishnan Hall of Residence (Sep'21 - April'22)

• Efficiently channelized a sports and games budget of **INR 3,55,125** for the activities of the sports and games, Radhakrishnan Hall.
• Managed Regular practice sessions as well as physical conditioning of team, conducted extensive trials, which reflected in winning **Gold** Medal in Inter Hall Gymkhana Championship of the team after the **16 years.**

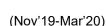**Captain of Inter Hall Athletics Team | RK Hall of Residence** (Nov'21-April'22)

• Conducted freshers selection for 200+ players, Groomed both juniors and senior team for Inter Hall Athletics.
• Organized Practice Sessions by coordinating with over 30 participants for Inter Hall Athletics General Championship.
• Led the team to secure **Silver** Medal in 66th Inter Hall Athletics General Championship in the Academic year 2018-19.
• Managed a Budget of INR 38k for various activities of inter athletics and provided **logistics support** for equipment.

Silver Cross | T-Shirt & Hoodies merchandise (Nov'19-Mar'20)

• A company was **co-founded** with the support of two friends that supplied high-quality printed t-shirts and hoodies at low pricing
• All t-shirts and hoodies were designed and we received a favourable reaction and were able to collect a revenue of **INR. 1,00,000**
• Created and maintained weekly allocation reports and traced all order during the shipping season, despite of many ups and downs

ACHIEVEMENTS

• With a score of **1876** on CodeChef, I received **4 stars** for this difficult challenge that showcases my programming ability.
• I received **All India Rank 6519** (General), among more than 1.72 lakh candidates shortlisted for IIT JEE Advanced, 2019
• As a **Captain**, I guided a 15-member Kabaddi team to a district-level **Gold** medal in Sirsa, Haryana. in 2016
• I secured **third** place in the WIN INDIA 2.0 marathon, which took place **all across India** over three days and covered 105 Km
• Member of General Championship **Gold winning** Athletics team of IIT Kharagpur in 54th Inter IIT Sports Meet, in 2019
• Won **Gold** medal in the medley relay, **Bronze** in 1500m in Inter Gymkhana Championship to lead my team to silver Position
• Was named as a **Player of the Month** for athletics out of 634 students at Radhakrishnan Hall of Residence
• Secured **2nd**, **2nd,** and **4th** positions in Open IIT Marathon held at IIT Kharagpur in 2022, 2021, and 2019 respectively.
• Member of **Silver winning** Rangoli and Illumination Team of Radhakrishnan Hall of Residence, IIT Kharagpur
• Was a member of Haryana's national Kabaddi squad, which competed in the CBSE cluster, held at Lehra Gaga
• Former Team Member of NSO Athletics Team for the academic session 2019-2021 at IIT Kharagpur