



ANUJ PANDEY

7754844728

LinkedIn | anujmukul9@gmail.com



EDUCATION

Year	Degree/Exam	Institute	CGPA/Marks
2024	M.TECH	IIT Kharagpur	8.21 / 10
2022	B.TECH	SVPU&T	8.25 / 10
2017	Higher Secondary	CBSE	82.6%
2015	Senior Secondary	CBSE	8 / 10

INTERNSHIPS

Data Science Intern WazirX	[Oct 2023 - Dec 2023]
<ul style="list-style-type: none">Developed a sentiment analysis model for forecasting global trends using Twitter data for WazirX.Automated the extraction of 1 lakh tweets from Twitter for each of the top 10 crypto exchangers for analysis using tweepy package.Implemented comprehensive and semi-automated python framework to extract data from Twitter and Playstore regarding WazirX.	
Data Analyst OPA-E Learning	[Jul 2023 - Aug 2023]
<ul style="list-style-type: none">Proposed features for audience managers to interact with customers and wrote SQL queries to insert these features into the database.Generated advanced dashboards with filters, parameters and calculated fields using DAX calculations for better visualization.Utilized Power BI to extract, transform and load data from various sources, ensuring data accuracy and consistency for insightful reporting.	
Early Detection Of Parkinson's Disease IIT Kharagpur	[Apr 2023 - Jun 2023]
<ul style="list-style-type: none">Employed machine learning algorithms, including Random Forest, XGBoost, and deep learning algorithm Convolutional Neural Network.Analysed and classified spiral and wave drawings as potential indicators of Parkinson's disease using diverse algorithms.Achieved an impressive 94% accuracy with the CNN model, demonstrating its effectiveness in advancement & early disease prediction.	

PROJECTS

Cancer Classification using Machine Learning IIT Kharagpur	[Dec 2022]
<ul style="list-style-type: none">Utilized ML techniques to analyse datasets of 30 Features, showcasing the application of data-driven methods in medical diagnostics.Developed a model using Random Forest Classifier, achieving high accuracy in distinguishing between Malignant and Benign Tumors.Used models for splitting the dataset into training and testing sets & got the highest accuracy of 94% from the Random Forest Classifier.	
Prediction of Type 2 Diabetes using Machine Learning and Deep Learning M. Tech Project	[Dec 2023 - Present]
<ul style="list-style-type: none">Developing a predictive model through ML & DL techniques to evaluate future Type-II Diabetes risk via genetic and physical data analysis.Developing a user-friendly web app as an interface for the advanced model & offering seamless predictions of diabetes susceptibility.Illustrating adeptness in translating cutting edge techniques into practical solutions, yielding a valuable tool for personalized health.	

SKILLS AND EXPERTISE

Programming Languages: Python | **SQL** **Data Visualization Tool:** Power BI | MS Excel **Softwares:** MySQL | Vs Code | MS Office | Github
Libraries: NumPy | Pandas | Matplotlib | Tensor Flow **Expertise:** Data Visualization | Predictive Analysis | Forecasting | Machine Learning

COURSEWORK INFORMATION

M.Tech Courses: Application of Machine Learning in Biological Systems | Computational Structural Biology | Python for Biologists | Computational Biophysics | Data science | **B.Tech Courses:** Introduction to Programming Language C | Data Structure and Algorithm | Statistics | Data Analytics | Bioinformatics | Intellectual Property Rights | Immunotechnology | Engineering Mathematics

AWARDS AND ACHIEVEMENTS

Secured an **AIR 486** among **13994** candidates in GATE-BT 2022 & qualified for **CST UP Science Talent Scholarship** for session 2016 – 2017.

CERTIFICATIONS

- Data Visualization:** Completed practical tasks in Framing the Business Scenario and Creative Effective Visuals by Tata iQ.
- Data Analytics Consulting:** Data Cleaning, Modelling, and Visualization by Accenture
- Machine Learning Specialization by **Andrew NG** • **SQL for Data Science** By University of California

POSITIONS OF RESPONSIBILITY

General Secretary IIT Kharagpur	[Aug 2022- Dec 2023]
<ul style="list-style-type: none">Managed MMM Hall events with a collaborative team of 10 council members, enhancing engagement throughout the session.Facilitated Social Welfare Activities within the hostel, ensuring the smooth execution of events like Blood Donation Camps in a team.	
Teaching Assistant IIT Kharagpur	[Aug 2022 - Apr 2023]
<ul style="list-style-type: none">Worked as Teaching Assistant (TA) for Biochemical Engineering Lab for the Spring session 2022 - 2023	

EXTRA CURRICULAR ACTIVITIES

- Captain** of the Gold Winning Kabbadi Team in the Inter Department Annual Sports Meet 2023, IIT Kharagpur showcasing leadership skills.
- Along with my council members, actively contributed to the admission of underprivileged kids into private schools under the **RTE Section 12**