

ACADEMIC DETAILS			
YEAR	DEGREE	INSTITUTE	PERFORMANCE
2020-22	M.Tech (Industrial & Management Engineering)	Indian Institute of Technology, Kanpur	8.97* CPI
2015-19	B. Tech (Textile Chemistry)	Uttar Pradesh Textile Technology Institute, Kanpur	69.34%
2014	Class XII CBSE Board	Puran Chandra Vidya Niketan, Kanpur	75.20 %
2012	Class X CBSE Board	Puran Chandra Vidya Niketan, Kanpur	9.4 CGPA

*Up to 2nd Sem

TRAINING EXPERIENCE	
Product Management Trainee at Doremon Den (EdTech Startup for training Product Management Aspirants)*ongoing <ul style="list-style-type: none"> 6 week-long boot camp focused on building specific targeted skills necessary for the role of a Product Manager through peer-to-peer learning In-depth study of topics like Root Cause Analysis, Product Critique, Product Design, User Journey through various case studies & real-life examples Learned the ability to communicate effectively through frequent team meeting discussions, brain-storming sessions, presentations & collaboration 	(Aug'21-Sep'21)

INTERNSHIP	
Search Engine Optimization Analyst at Archivoice (Online portal for Designers & Architect with 130k members) <ul style="list-style-type: none"> Expanded company website outreach to 87 countries from 34 countries through keyword research, link acquisition, and on-site optimization Increased click-through & conversion rates up to 35% by including contests, promotion & regular monitoring of Google Analytics Reduced bounce-rate from 30% to 18% by improving on-site body content, metadata across articles, page titles & effective use of HTML tags 	(July'21-Aug'21)

Data Science Intern at Harvesting India Pvt Ltd (AgriFin Company) <ul style="list-style-type: none"> Using objection detection framework, automated fruit detection & sorting and identification of the damaged fruits items Selected a Yolov5 model for training on the dataset consisting of 2000+ fruit pictures, which was split in (70/30) test to train ratio Model obtained 82% accuracy on the test dataset & Initiated model deployment on the Harvesting India website 	(April'21-July'21)
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ACADEMIC PROJECTS	
Statistical Modelling for Business Analytics Telecom Customer Churn Prediction *ongoing - Dataset contained 7043 rows (customers) and 21 features such as "tenure", "online security", "paperless billing", etc - Performed EDA, applied SMOTE to balance the data and RFE (Recursive Feature Elimination) to select the 15 significant features - Logit and Probit models were used for classifying the Churn class; features were dropped based on p-value and VIF - Logit showed better results as the accuracy was about 79% , precision of 73.8% and a recall of 62.4% , AUC of ROC curve was 0.83	(Aug'21-Sep'21)
Applied Machine Learning NYC Taxi ride pick-up prediction - Using the Taxi Trip data, to predict the n.o of pick-ups for each region in a 10 min interval, used K-means clustering to break NYC regions - Created time interval using the UNIX timestamp, and for data processing, Dask-DataFrame was used instead of Pandas - Applied Baseline Models on 'ratio' and 'previous' values along with Linear Regression, R-F Regression and Xg-Boost - Baseline Model (Exponential Moving Average) worked best on MAPE performance Matrix with 14% on train and 13.6% on test data set	(Feb'21-Apr'21)
Data Mining Fake Job Description Prediction - Dataset contained textual and meta-information about the jobs, performed data preprocessing & visualization steps - Analyzed text data through NLP techniques and applied Logistic Regression, KNN, SVM, Random Forest Classifier on trained dataset - Logistic regression performed best with F1-Score 0.98 and Precision of 97% with accuracy around 95%	(Oct'20-Nov'20)

SELF PROJECTS	
NLP & Deep Learning Amazon Sales Recommendation - Build a recommender system , which recommends similar apparels items using text and image data, data obtained through web scraping - Performed deduping text pre-processing & data cleaning actions to reduce the 180k rows & 19 columns dataset to 16k rows & 7 columns - Applied Bag-of-words (BoW) , Term Frequency-Inverse Document Frequency (TF-IDF) & word2vec (W2V) , W2V showed better results - Used CNN model (VGG16) on visual features based on similarity offering good recommendations, 'A B' testing can be done all models	(Jan'21-Mar'21)
Power BI Dashboard Sales Insights for a Computer Hardware Company - Dataset included 150k+ datapoints of sales data, including the customers, dates, markets, products & transactions - Generated quick & latest actionable insights through a Power BI dashboard, which would help in making data-driven decisions - Performed data cleaning & ETL (Extract, transfer, load) on the dataset, handed invalid values and performed currency normalization	(Jan'21-Mar'21)

RELEVANT COURSEWORK AND SKILLS	
Coursework Statistical Modelling for Business Analytics Applied Machine Learning Data Mining and knowledge discovery Probability and Statistics Stochastic Process and their Applications Introduction to Computing Operation Research for Management Software Project Management Organization Structure & Design	
Skills Technical Skills: Python(Numpy, Scipy, Panda, Matplotlib, Scikit-learn) SQL Power BI MS office, Excel Google Analytics Professional Skills: Machine Learning, Product Management & Development, Statistical Analysis, Supply chain Planning	

ACHIEVEMENTS/AWARDS & CERTIFICATIONS	
<ul style="list-style-type: none"> Secured All India Rank (AIR) 3 in GATE 2020 (TF) with 99.87 percentile Placed among the Top 10% students in the National Standard Examination in Physics (2012-13) SQL for Data Analytics (2 weeks of learning through various projects & use case analysis), Grade obtained: A (highest) 	

POSITIONS OF RESPONSIBILITY	
Core Team Member of Web Team, IME IIT Kanpur <ul style="list-style-type: none"> Inter-Department Students Body to facilitate all the web related needs of students and website management of the IME department Coordinated the end-to-end process of data collection and updating relevant details of 300+ alumni of MTech IME, IIT Kanpur 	(Aug'20- Present)