

EDUCATION			
Degree/Certificate	Institute	CGPA / %	Year
M. Tech (Department of Management Sciences)	Indian Institute of Technology, Kanpur	-	2026-Present
B. Tech (Industrial and Production Engineering)	G.B. Pant University of Agriculture & Technology	73.22%	2013-17
Higher Secondary Education	UBSC	75.80 %	2012
Secondary Education	UBSC	80.8 %	2010
WORK EXPERIENCE (4 YEARS)			
NTPC Limited Engineer			
Project Engineering, NTPC Singrauli		(Jan'24-July'26)	
- Reviewed engineering drawings and technical documents for Fuel Oil System, Steam Generator, and Ash Handling System of thermal power projects. - Coordinated with design consultants, OEMs, and site teams to ensure compliance with engineering specifications and project requirements. Supported technical evaluation and design optimization activities during project execution.			
Operations & Maintenance, NTPC Sipat		(April '22-Jan'24)	
- Operated and monitored critical systems of 660 MW thermal power generation units as Boiler Desk Engineer. - Led quality inspection and assurance activities during major overhauls of 500 MW and 660 MW thermal power units as FQA Engineer. - Supervised Ash Handling Plant operations and coordinated with maintenance teams to ensure safety, improve system reliability and availability.			
SELF PROJECTS			
HOTEL CANCELLATION PREDICTION Classification			
Objective	Predict whether a hotel booking would be cancelled based on booking-related attributes available at the time of reservation.		
Approach	- Performed exploratory data analysis and feature engineering on hotel booking datasets obtained from Kaggle. - Developed and compared Logistic Classification, Decision Tree Classification models. - Evaluated performance using Accuracy, Precision, Recall, and Confusion Matrix metrics. Toolset- Python, Pandas, NumPy, Scikit-Learn, Matplotlib		
Result	Achieved 86.4% predictive accuracy using Decision Tree Classifier.		
HOUSING PRICE PREDICTION Regression			
Objective	Develop a regression model to predict housing prices based on various property attributes.		
Approach	- Cleaned and pre-processed housing datasets using statistical imputation techniques. - Applied Label Encoding and One-Hot Encoding to transform categorical variables. - Built and compared Linear Regression and Decision Tree Regression models. Toolset- Python, Pandas, NumPy, Scikit-Learn		
Result	Achieved R² score of 79% using Decision Tree Regression.		
COURSEWORK & SKILLS			
Relevant Courses (In progress)	Probability & Statistics Operations Research for Management Introduction to Computing Data Mining and Knowledge Discovery		
Skills	Python Libraries: NumPy, Pandas, Matplotlib, Scikit-learn MS Excel Power BI		
ACHIEVEMENTS & EXTRACURRICULAR			
- GATE Rank 390 in GATE ME 2021 and GATE Rank 13 in GATE XE 2026. - Course Topper, Basics of CFD, SWAYAM, 2025. - Training on Advance CFD analysis using Ansys from IIT, Delhi. - Qualified up to Company Round 3 in Global Management Challenge, 2025.			