

EDUCATION				
Degree/Certificate		Institute	CGPA / %	Year
M. Tech (Department of Management Sciences)		Indian Institute of Technology, Kanpur	-	2026 - Present
B. Tech (Marine Engineering)		Indian Maritime University, Kolkata	74.67	2020-2024
Board of Intermediate Education (AP Board)		Narayana Jr College, Vijayawada	94.2 %	2020
Board of Secondary Education (AP Board)		Akshara Sree EM Model High School	10 CGPA	2018
SELF PROJECTS				
CO2 Emission Prediction Machine Learning Regression (Self Project)				
Objective	Analyze the influence of various variables on CO2 emissions in vehicles and identify the most significant features affecting emissions.			
Approach	- Conducted Exploratory Data Analysis (EDA) and Correlation Analysis to investigate relationships between vehicle features and CO2 emissions. - Utilized statistical techniques and Prediction Error visualizations for Linear Regression models to evaluate performance.			
Result	Uncovered hidden patterns and biases through prediction error visualization, deepening model understanding and highlighting targeted optimization areas.			
Diwali Sales Analysis				
Objective	Preprocess, explore, and visualize key customer and sales metrics to extract actionable insights on demographics, purchasing behavior, and product performance.			
Approach	- Cleaned dataset of 11,000+ entries, resolving missing values and optimizing data types. - Conducted EDA to identify high-value customer segments and regional purchasing patterns. - Created visualizations in Matplotlib and Seaborn across gender, age, state, and occupation dimensions.			
Result	- Identified top-performing product categories to optimize inventory planning and meet demand effectively. - Highlighted key demographic segments (e.g., higher purchasing power among female age groups) to guide targeted marketing.			
Graduate Admission Prediction — Supervised Learning — (Regression)				
Objective	Developed a predictive model using supervised learning to forecast graduate admission outcomes based on 500 observations and features.			
Approach	- EDA (Exploratory Data Analysis) was performed, dropped unnecessary columns. - Checked for Correlation between features by plotting the heatmap. - Used Scatter plot to check association between all variables. - Split the data into train test and assign dependent and independent variables. - Trained the linear regression model on train data and predicted using test data.			
Result	Mean Absolute Error comes out to be 5%.			
WORK EXPERIENCE (12 Months)				
1) Technical Procurement Executive Vibrant Solutions ORG, Navi Mumbai			June 2025 – Nov 2025	
- Managed end-to-end procurement processes for ship machinery and critical vessel spare parts. - Coordinated with international and domestic vendors for quotation evaluation, technical compliance, price negotiation, and timely logistics.				
2) Technical Support Specialist Mactech Marine			Dec 2025 – Feb 2026	
- Assisted in technical support execution for complex marine engineering projects. - Liaised with DG Shipping, IRS, and classification societies to ensure statutory documentation and regulatory compliance.				
3) Procurement Engineer Spares Pazari, Navi Mumbai			March 2026 – June 2026	
- Sourced marine equipment and spares by assessing technical specifications, quality standards, and certification credentials across multiple suppliers. - Negotiated commercial terms and pricing to drive cost savings while ensuring strict delivery schedules and quality standards.				
COURSEWORK & SKILLS *in progress				
Relevant Courses	Data Mining and Knowledge Discovery* Probability & Statistics* Operations Research for Management Introduction to Computing*			
Technical Skills	Python ML Libraries: NumPy, Pandas, Matplotlib, Seaborn, Scikit-learn MS Excel SQL			
Soft Skills	Analytical Ability Decision Making Problem Solving Communication Leadership Team Management			
ACHIEVEMENTS & EXTRACURRICULAR				
- Scored 734 (AIR 13) in GATE 2025 Examination in Naval Architecture and Marine Engineering paper conducted by IIT Roorkee. - Honored for consistent training excellence and contributions towards community upliftment within the Sainyatries group at IMU Kolkata. - Participated in Badminton Tournament in Tempest 2023 conducted by Indian Maritime University, Kolkata.				