

ACADEMIC QUALIFICATIONS

Year	Degree /Board	University /Institution	%/CGPA
2025*	Post Graduate Diploma in Business Analytics	IIM Calcutta, IIT Kharagpur, ISI Kolkata	-
2019	B. Tech Electrical Engineering	Punjab Engineering College (PEC)	8.59/10
2015	CLASS XII	Bal Niketan Sr Sec School	91 %
2013	CLASS X	Bhavan Vidyalaya Sr Sec School	10/10

KEY SKILLS/TOOLS Product Management, Demand Planning, UX Design, Python, SQL, Java, JIRA, Tableau, Mixpanel, InVision

WORK EXPERIENCE (49 Months)

09 Solutions		Associate Product Manager	Bangalore (Jun '21 - Jul '23)
Product Dev - Forecasting Engine	<ul style="list-style-type: none"> Owned design, development & documentation of analytics workflows in the Demand Planning product. Built a stats engine for segmentation, outlier correction and lag-based validation with 8+ functionalities. Successfully released 3+ product iterations with accuracy value add of 12% on an average in CP domain. 		
Product Dev - Consensus Planning	<ul style="list-style-type: none"> Developed key SCM modules like S&OP & IBP planning, History Realignment and Attach Rate planning. Released features helped reduce TAT by ~4-6 weeks and were being used by 15+ fortune 100 Companies. 		
Solution Architect	<ul style="list-style-type: none"> Implemented smart planning project, Multilevel forecasting & comparison capabilities for a Big4 Client. Developed Analysis Cockpit for Planners resulting in 40% faster identification of optimal level of forecast. Achieved +17% uplift in forecast accuracy by identifying signs of trend breaks and seasonality violations. 		
Leadership	<ul style="list-style-type: none"> SPOT Award and Bonus Functioned as the Release QB Mentored 3 AE's Product owner of IBP track 		
RateGain		Associate Manager, Product Analysis	Noida (Jun '19 - Jun '21)
Product Dev - Data as a Service	<ul style="list-style-type: none"> Responsible for Product Specification, Data Validation, Wireframing & UAT for 3 different product lines. Customised Rate Shopping tool with report scheduling feature for top 7 out of 10 car rentals in the world. Built live tableau dashboards for reporting data sufficiency and trends at report, location & website level. Automated airline schedule reports for 15+ clients resulting in savings of 100+ work hours every month. 		
Product Dev - Canvas Analytics & AI	<ul style="list-style-type: none"> Envisioned UI/UX for competitor and pricing analytics product with market delta analysis functionality. Designed Rate Parity view for identifying price violations, price positioning & booking window analysis. Worked on setting up business rule driven price and fleet management module for revenue management. 		
Business Growth	<ul style="list-style-type: none"> Achieved revenue growth of 150% NPS Score increase from 20 to 50 FTR Uplift from 80% to 100% 		

AWARDS AND ACHIEVEMENTS

Institute Rank	<ul style="list-style-type: none"> Placed in the top 20%ile of academic performers among 62 students in the 9th batch of PGDBA (2023-25).
Academic Achievement	<ul style="list-style-type: none"> Acquired a spot in the Top 10 Unstoppable College Champions, IIM Calcutta, Unstop Talent Awards 2024 1st Rank in Inter-College Open House Exhibition, PEC (Cash ₹18k) : Object Detection for visually impaired.
Case Competitions	<ul style="list-style-type: none"> 2nd of 5200+ registrations in Trilytics'23, PGDBA with World Wide Technology (WWT), won cash of ₹25K. 2nd /1500+ Advaita Insight Masters (ISB, Hyderabad) 2nd /627 E2A Nova Exilaro'24 (XLRI, Jamshedpur).

ACADEMIC PROJECTS

Uber Price Prediction (Regression)	<ul style="list-style-type: none"> Predicted Uber Ride Prices on a dataset having 1.3L+ observations using OLS regression as baseline model. Detected Multicollinearity using VIF & tackled it with PCA. Performed ANOVA to choose relevant features. Achieved R² score of 0.72 for Ridge and Lasso regression by tuning hyperparameters using GridSearchCV.
Fake News Detection (Classification)	<ul style="list-style-type: none"> Classified Fake News on Twitter by formulating tweet sharing structure as a Graph Neural Net Problem. Applied GNN based techniques such as GCN, GAT to train BERT + Profile model Embeddings for news nodes. Passed the trained embedding through Sigmoid layer, achieved an Acc of 0.86(4%↑) and F1 of 0.86(4%↑).
Market Risk Modelling (Time Series)	<ul style="list-style-type: none"> Modelled daily stock price volatility of NIFTY50 data with 1600+ observations using a GARCH (1,1) model. Performed preprocessing, ADF test for stationarity, analysed ACF-PACF plots of returns square & residuals. Forecasted exchange rate via ARIMAX & interest rate differentials as exogenous, achieved a MAPE of 1.26%.
Image Captioning (CNN, LSTM)	<ul style="list-style-type: none"> Employed transfer learning on ResNet-50 encoder, & LSTM based decoder, for automatic image-captioning. Used nucleus and temperature sampling to build vocabulary with NLTK, achieved a ROUGE score of 0.2.
Customer Uplift Prediction (Uplift Modelling)	<ul style="list-style-type: none"> Recommended optimum range of customers for maximum profit for the Criteo Uplift Data (~14M records). Statistically asserted CATE treated class imbalance with Random Under Sampler for majority resampling. Predicted uplift using CausalML with XGBoost as base classifier, achieved best AUUC 0.64 with S-Learner.

POSITIONS OF RESPONSIBILITY & EXTRA CURRICULARS

Jt Secretary, NSS PEC	<ul style="list-style-type: none"> Led a team of 600+ volunteers Organized 7 city level blood donation camps Managed funds of ₹2 lakh+
PGDBA, Conclave	<ul style="list-style-type: none"> Orchestrated online and offline logistics for case competition, keynote sessions and devised Unstop quiz.

ELECTIVES : Algorithms, Deep Learning, Supply Analytics, FRM **INTERESTS** : Road Trips, Singing, Cricket