

# PRANAV GARG

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## EDUCATION

**The University of Texas at Austin – McCombs School of Business**

May 2025

*Master of Science, Business Analytics* | GPA: 3.8/4

**University of Vellore Institute of Technology, India**

May 2022

*Bachelor of Technology in Information Technology* | GPA: 8.72/10

## KEY SKILLS

- **Software:** Azure, AWS, Snowflake, Coupa, Power BI, Docker, SAP, Oracle Git, SAP Modules – PP, M, GCP, Hadoop
- **Languages:** R, Python (NumPy, Pandas, Scikit-learn, Keras, LangChain, LLM), SQL, Java, RDBMS, HTML, C, C++, Shell Script
- **Concepts:** GenAI, LLM, NLP, Forecasting, Regression, Classification, Deep Learning, ERP Transformation, BigQuery
- **Data Science:** Data Exploration, Data Cleaning, Data Analysis, Data Visualization, Data Mining, Predictive Data Models, Text Mining, ETL, Machine Learning
- **Soft Skills:** Communication Skills, Agile Methodology, People Management, Team Motivation, Adaptability, Business Strategy
- **Certifications:** Microsoft Azure Fundamentals, Snowflake: Data Warehouse, Data Science & Statistics Foundations

## PROFESSIONAL EXPERIENCE

**NetApp (Capstone Project)** – Austin, TX, USA

*Data Scientist*

Jan 2025 - May 2025

- Analysed website traffic data (7M+ rows) by implemented classification and clustering techniques to identify patterns in customer vs. non-customer behaviours, improving targeted marketing strategies by 25%
- Built time-series forecasting models to predict storage usage trends, enabling proactive resource allocation on seasonal trends
- Developed predictive analytics models and customer segmentation strategies, contributing to a 2% increase in conversion rates and an estimated \$2.5M annual revenue uplift

**Kimberly Clark** – Bangalore, KA, India

*Data Solution Engineer*

Sep 2023 - Jun 2024

- Collaborated with 3+ cross-functional team to resolve data quality issues in SAP/Coupa by 20%
- Streamlined Coupa onboarding, cutting supplier integration by 25% (40 mins) and improving overall efficiency
- Established CI/CD data pipelines to unify SAP and Coupa, improving scalability and procurement redundancy by 25%
- Optimized data storage for SAP tables using cloud infrastructure, reducing storage costs by 30%

*Business Analyst*

Sep 2022 - Sep 2023

- Demonstrated leadership by implementing digital centralization of procurement with SCRUM teams, reducing manual intervention and cutting approval cycle time by 50% through streamlined workflows
- Developed automation data pipeline to consolidate, compare and update schedule reducing manual effort by 50%
- Optimized SQL queries and database performance, reducing execution time by 30% using KPIs to track enhancements
- Innovated scalable ETL pipelines using Azure Data Factory and Databricks, streamlining ingestion processes and safeguarding data quality for EMEA and North America regions

*Data Governance Intern*

Jan 2022 - Jul 2022

- Integrated MDM solution, empowering business users to manage data and reducing technical team workload by 80%
- Collaborated with project team to conduct thorough effort estimation and planning for Azure workstreams
- Transformed and integrated SKU metadata workflows from JDBC servers into Collibra for SKU by data visualization, achieving 95% data accuracy and improving decision making for business stewards
- Drafted integration testing cases and played active role in SIT/UAT phases to ensure robustness and functionality of processes

## TECHNICAL PROJECTS

**Connect 4 AI Bot**

Jan 2024

- Designed ML models in CNN and Transformer using TensorFlow, containerized with Docker on AWS, and built an interactive Anvil-based web UI for user accessibility and end-to-end efficient AI deployment

**Satellite Image Classification**

Dec 2024

- Built a CNN in PyTorch, NumPy and Pandas to classify images into 11 categories, achieving 85.72% validation accuracy by optimizing architecture and addressing misclassifications with confusion matrix analysis

**Quantitative Stock Portfolio Optimization**

Dec 2024

- Modeled a portfolio optimization strategy, selecting 15 out of 100 stocks using integer and linear programming
- Securing 3% higher returns over NASDAQ 100 index on out-of-sample performance of portfolio

## LEADERSHIP AND RECOGNITION

- **Marketing Lead** – Conducted digital marketing and recruitment efforts for non-profit, designing event posters and raising over \$5,000 at cultural fest, while collaborating on design of organization's infrastructure
- **Technical Lead** – Provided technical support with attention to detail, optimizing rover performance and contributing to SEDS Team Vyadh's top 36 qualification in University Rover Challenge (URC) 2020