

PRAMITA PANDIT

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[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

PROFESSIONAL SUMMARY

Graduate student at Temple University (M.S. in Computer Science – Dec 2025) with 6+ years of professional experience in analytics, business intelligence, and system design. I bring a unique blend of technical proficiency and business acumen, enabling data-driven solutions that enhance process efficiency and strategic decision-making. Actively seeking full-time opportunities in Data Analytics, Business Intelligence, or Data Engineering, where I can leverage my analytical expertise, problem-solving mindset, and passion for continuous improvement to drive measurable business impact.

WORK EXPERIENCE

Solutions Designer | 2022-2023

Calyx | Nottingham, UK

- Designed and implemented data-driven solutions for Interactive Response Technology (IRT) systems used in clinical trial randomization and drug supply management (RTSM).
- Built **Power BI** dashboards and visual reports to track trial metrics, enabling faster insights and improved decision-making.

Business Analyst | 2021 - 2022

Right at Home UK | Liverpool, UK

- Developed process maps and relational data models using **Visio** and **Appian** to support the design of new reporting and operational systems.
- Authored user stories, managed acceptance criteria, and supported iterative development using **Azure DevOps** and **Jira**.

IT Analyst | 2016 - 2020

TATA Consultancy Services (TCS) | Kolkata, India

- Designed and maintained enterprise IT systems, focusing on **Mainframe**, **UNIX**, **Oracle SQL**, and data integration pipelines.
- Optimized ETL workflows, improving data accuracy and reducing processing time across business-critical applications.
- Led issue resolution for production incidents, coordinating with cross-functional teams to ensure minimal downtime.
- Contributed to requirements analysis, technical documentation, and delivery of scalable solutions under Agile SDLC methodology.

ACADEMIC HISTORY

Temple University | 2023-2025 (December)

Master of Science in Computer Science

- Earned a merit-based stipend for research and teaching assistantships under NSF-funded projects
- **Projects:** DeepFake Detection Using Hybrid CNN-LSTM Model, Evaluating DeepSeek R1's Efficacy for Mental Health Classification

University of Liverpool | 2020-2021

Master of Science in Business Analytics & Big Data

- Graduated with Distinction | Awarded ULMS Scholarship (50% tuition waiver)
- **Modules:** Supply Chain Management, Machine Learning & Data Mining

CERTIFICATION & PUBLICATION

Certifications

- ITIL V3 Foundation Certificate
- Azure AI Fundamentals (AI-900), Azure Data Fundamentals (DP-100)
- Qlik Sense Business Analyst

Research Publications

- *Energy Efficiency and Communication Accuracy Tradeoff in Intra-body Networks*
- *Energy Transfer Strategies in Magnetic Resonance Based Intra-body Networks*