

Sanbaj Ansari

✉ sanansar@ttu.edu

📍 Lubbock, Texas

☎ (806) 548 4697

🌐 [linkedin.com/in/sanbaj-ansari](https://www.linkedin.com/in/sanbaj-ansari)

PROFESSIONAL EXPERIENCE

04/2024 – 07/2025

Kathmandu, Nepal

System Analyst

Triad Asia Pvt. Ltd.

- Monitored and troubleshoot automation systems for ExxonMobil terminals, minimizing downtime.
- Implemented system upgrades improving performance and reliability.
- Collaborated across teams to resolve mission-critical technical issues.

09/2023 – 03/2024

Kathmandu, Nepal

Artificial Intelligence/Machine Learning Fellowship

Smart Ideas Pvt. Ltd.

- Built spam mail classifier, reducing unwanted emails by **95%**.
- Engineered Nepali text summarizer to improve accessibility of news articles.
- Developed news recommendation system with Chroma DB & ElasticSearch, raising engagement by **30%**.

08/2025

Lubbock, USA

Student Manager

Texas Tech Hospitality Services

- Supervised and trained staff, optimizing workflow in high-volume operations.
- Applied problem-solving methods similar to debugging to resolve operational challenges.
- Streamlined inventory tracking with data-driven process improvements.

EDUCATION

Masters in Computer Science

Texas Tech University

- Coursework: Algorithms, Machine Learning, Data Science, Cloud Computing, Software Engineering
- Awarded a competitive graduate scholarship

03/2024

Kathmandu, Nepal

Bachelor of Information Technology

Lincoln University College

GPA: 3.58/.0

- Relevant Coursework: Data Structures & Algorithms, Database Management Systems, Artificial Intelligence, Machine Learning, Cloud Computing, Operating Systems, Software Engineering, Web Technology
- Final Year Project: Developed an e-commerce website using Python Django, implementing user authentication and product management features.

TECHNICAL SKILLS

Programming Languages

Python (Pandas, NumPy, Scikit-learn, TensorFlow),
SQL, ELK Stack

Data Management

ETL, Data Cleaning, Data Aggregation, Data Integration,
Data Transformation

Data Analysis & Visualization

Python (Matplotlib, Seaborn), Data Mining

Tools & Platforms

Linux, Jupyter Notebook, Git, Chroma Vector DB

Other Skills

Machine Learning Algorithms, Transformers, Data
Cleaning and Preparation

LEADERSHIP & EXTRACURRICULAR ACTIVITIES

President, AAYAM - Youth-Led

Social Activist Group

Led social awareness campaigns,
public health check-ups, and
discussions on mental health and
social issues.

Model United Nations (MUN)

Won Best Delegate in 3 events;
organized one as Deputy Secretary
General.

Finalist, MAHASANGRAM

Debate Tournament

International debate finalist (novice
category).

Member, Smart Club

Active in public speaking and
debate activities.

CERTIFICATIONS & PROFESSIONAL DEVELOPMENT

Data Science with Machine Learning – Deerwalk Training Institute, Nepal

(3-month training)

Responsive Web Design – freeCodeCamp

Data Scientist Associate Certification (in progress)
– DataCamp

Scientific Computing with Python – freeCodeCamp